

Rancho Springs Medical Center Expansion - Riverside-South Coast County, Annual

Rancho Springs Medical Center Expansion
Riverside-South Coast County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Hospital	36.00	1000sqft	0.40	36,000.00	0
Other Non-Asphalt Surfaces	0.50	Acre	0.50	21,780.00	0
Parking Lot	125.00	Space	1.70	50,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.4	Precipitation Freq (Days)	28
Climate Zone	10			Operational Year	2023
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	480.57	CH4 Intensity (lb/MWhr)	0.02	N2O Intensity (lb/MWhr)	0.004

1.3 User Entered Comments & Non-Default Data

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Project Characteristics - South Coast Edison 2019 Corporate Responsibility Report

RPS goal 44% by 2024

Land Use - Project Acreages; 0.5 acre helipad area, 0.4 acre building (two-story), 1.7 acre remaining parking

Construction Phase - Project Schedule as of June 20, 2020

Off-road Equipment -

Off-road Equipment -

Off-road Equipment - Canopy Construction

Off-road Equipment -

Off-road Equipment - Helipad Paving Equipment (Default for <1 acre)

Off-road Equipment - Kitchen Renovation Equipment

Off-road Equipment - Renovation Equipment for NICU

Off-road Equipment -

Off-road Equipment - Parking Lot Paving Equipment (Default for <2 acre)

Off-road Equipment - Trenching for Storm Drains

Trips and VMT - Standard worker trip generation rate (2.5 one-way daily trips per pieces of equipment).

Grading - Estimated Grading 4,632 cy export; limits of work include 8.1 acres.

Vehicle Trips - Project Transportation Impact Analysis from July 16, 2020

EMFAC2017 trip length 7.47 miles for 2023

Energy Use - Removed parking lot lighting since it is not new.

Water Mitigation -

Waste Mitigation -

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	10.00	49.00
tblConstructionPhase	NumDays	220.00	185.00
tblConstructionPhase	NumDays	220.00	364.00
tblConstructionPhase	NumDays	220.00	176.00
tblConstructionPhase	NumDays	220.00	91.00

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tblConstructionPhase	NumDays	6.00	11.00
tblConstructionPhase	NumDays	10.00	146.00
tblConstructionPhase	NumDays	10.00	166.00
tblEnergyUse	LightingElect	0.35	0.00
tblGrading	AcresOfGrading	5.50	8.10
tblGrading	MaterialExported	0.00	4,632.00
tblLandUse	LotAcreage	0.83	0.40
tblLandUse	LotAcreage	1.13	1.70
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	8.00	7.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	8.00	7.00
tblOffRoadEquipment	UsageHours	8.00	7.00

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tblOffRoadEquipment	UsageHours	8.00	7.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.02
tblProjectCharacteristics	CO2IntensityFactor	702.44	480.57
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.004
tblTripsAndVMT	WorkerTripNumber	42.00	5.00
tblTripsAndVMT	WorkerTripNumber	42.00	5.00
tblTripsAndVMT	WorkerTripNumber	42.00	20.00
tblTripsAndVMT	WorkerTripNumber	42.00	20.00
tblVehicleTrips	CC_TL	8.40	7.47
tblVehicleTrips	CNW_TL	6.90	7.47
tblVehicleTrips	CW_TL	16.60	7.47
tblVehicleTrips	ST_TR	10.18	8.25
tblVehicleTrips	SU_TR	8.91	7.23
tblVehicleTrips	WD_TR	13.22	10.72

2.0 Emissions Summary

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2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2020	8.7100e-003	0.0757	0.0551	8.0000e-005	8.7000e-004	5.6500e-003	6.5300e-003	2.3000e-004	5.2000e-003	5.4300e-003	0.0000	6.6236	6.6236	1.9200e-003	0.0000	6.6717
2021	0.1879	1.5907	1.4665	2.9400e-003	0.0443	0.0802	0.1245	0.0121	0.0759	0.0880	0.0000	255.6707	255.6707	0.0439	0.0000	256.7670
2022	0.5583	3.3768	3.2194	6.8800e-003	0.1206	0.1440	0.2646	0.0415	0.1378	0.1792	0.0000	593.7194	593.7194	0.0954	0.0000	596.1042
2023	0.0402	0.1913	0.2796	4.5000e-004	4.5100e-003	9.4600e-003	0.0140	1.2000e-003	8.7400e-003	9.9400e-003	0.0000	39.3336	39.3336	0.0113	0.0000	39.6162
Maximum	0.5583	3.3768	3.2194	6.8800e-003	0.1206	0.1440	0.2646	0.0415	0.1378	0.1792	0.0000	593.7194	593.7194	0.0954	0.0000	596.1042

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2.1 Overall Construction

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2020	8.7100e-003	0.0757	0.0551	8.0000e-005	8.7000e-004	5.6500e-003	6.5300e-003	2.3000e-004	5.2000e-003	5.4300e-003	0.0000	6.6236	6.6236	1.9200e-003	0.0000	6.6717
2021	0.1879	1.5907	1.4665	2.9400e-003	0.0443	0.0802	0.1245	0.0121	0.0759	0.0880	0.0000	255.6705	255.6705	0.0439	0.0000	256.7668
2022	0.5583	3.3768	3.2194	6.8800e-003	0.1206	0.1440	0.2646	0.0415	0.1378	0.1792	0.0000	593.7189	593.7189	0.0954	0.0000	596.1037
2023	0.0402	0.1913	0.2796	4.5000e-004	4.5100e-003	9.4600e-003	0.0140	1.2000e-003	8.7400e-003	9.9400e-003	0.0000	39.3336	39.3336	0.0113	0.0000	39.6161
Maximum	0.5583	3.3768	3.2194	6.8800e-003	0.1206	0.1440	0.2646	0.0415	0.1378	0.1792	0.0000	593.7189	593.7189	0.0954	0.0000	596.1037

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	10-20-2020	1-19-2021	0.1030	0.1030
2	1-20-2021	4-19-2021	0.0946	0.0946
3	4-20-2021	7-19-2021	0.3220	0.3220
4	7-20-2021	10-19-2021	0.7412	0.7412
5	10-20-2021	1-19-2022	0.6993	0.6993
6	1-20-2022	4-19-2022	0.7054	0.7054
7	4-20-2022	7-19-2022	0.7542	0.7542
8	7-20-2022	10-19-2022	1.4621	1.4621

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9	10-20-2022	1-19-2023	0.9575	0.9575
10	1-20-2023	4-19-2023	0.1598	0.1598
		Highest	1.4621	1.4621

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.1526	2.0000e-005	2.0600e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	4.0100e-003	4.0100e-003	1.0000e-005	0.0000	4.2700e-003
Energy	0.0147	0.1333	0.1120	8.0000e-004		0.0101	0.0101		0.0101	0.0101	0.0000	289.7085	289.7085	8.8000e-003	3.8600e-003	291.0799
Mobile	0.0803	0.5766	0.8381	3.8800e-003	0.2924	2.2000e-003	0.2946	0.0783	2.0500e-003	0.0804	0.0000	360.4725	360.4725	0.0183	0.0000	360.9302
Waste						0.0000	0.0000		0.0000	0.0000	78.9229	0.0000	78.9229	4.6642	0.0000	195.5281
Water						0.0000	0.0000		0.0000	0.0000	1.4331	14.9055	16.3386	0.1478	3.6000e-003	21.1068
Total	0.2475	0.7099	0.9521	4.6800e-003	0.2924	0.0123	0.3047	0.0783	0.0122	0.0905	80.3560	665.0905	745.4465	4.8392	7.4600e-003	868.6492

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2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.1526	2.0000e-005	2.0600e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	4.0100e-003	4.0100e-003	1.0000e-005	0.0000	4.2700e-003
Energy	0.0147	0.1333	0.1120	8.0000e-004		0.0101	0.0101		0.0101	0.0101	0.0000	289.7085	289.7085	8.8000e-003	3.8600e-003	291.0799
Mobile	0.0803	0.5766	0.8381	3.8800e-003	0.2924	2.2000e-003	0.2946	0.0783	2.0500e-003	0.0804	0.0000	360.4725	360.4725	0.0183	0.0000	360.9302
Waste						0.0000	0.0000		0.0000	0.0000	78.9229	0.0000	78.9229	4.6642	0.0000	195.5281
Water						0.0000	0.0000		0.0000	0.0000	1.4331	14.9055	16.3386	0.1478	3.6000e-003	21.1068
Total	0.2475	0.7099	0.9521	4.6800e-003	0.2924	0.0123	0.3047	0.0783	0.0122	0.0905	80.3560	665.0905	745.4465	4.8392	7.4600e-003	868.6492

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

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Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Utilities - Storm Drains	Trenching	10/20/2020	3/16/2022	5	367	
2	NICU Renovation	Building Construction	5/3/2021	1/14/2022	5	185	
3	Helipad Construction	Paving	6/23/2021	1/12/2022	5	146	
4	Kitchen Service Renovation	Building Construction	7/20/2021	12/9/2022	5	364	
5	Grading - Expansion	Grading	2/11/2022	2/25/2022	5	11	
6	Building Construction	Building Construction	2/28/2022	10/31/2022	5	176	
7	Canopy - New	Building Construction	8/5/2022	12/9/2022	5	91	
8	Paving - Parking	Paving	8/5/2022	3/24/2023	5	166	
9	Architectural Coating	Architectural Coating	11/1/2022	1/6/2023	5	49	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 2.2

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 54,000; Non-Residential Outdoor: 18,000; Striped Parking Area: 4,307 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Utilities - Storm Drains	Trenchers	1	6.00	78	0.50
NICU Renovation	Air Compressors	1	6.00	78	0.48
NICU Renovation	Cranes	0	8.00	231	0.29
NICU Renovation	Forklifts	0	7.00	89	0.20
NICU Renovation	Generator Sets	0	8.00	84	0.74
NICU Renovation	Tractors/Loaders/Backhoes	0	6.00	97	0.37
NICU Renovation	Welders	1	6.00	46	0.45

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Helipad Construction	Cement and Mortar Mixers	4	6.00	9	0.56
Helipad Construction	Pavers	1	7.00	130	0.42
Helipad Construction	Paving Equipment	0	8.00	132	0.36
Helipad Construction	Rollers	2	7.00	80	0.38
Helipad Construction	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Kitchen Service Renovation	Air Compressors	1	6.00	78	0.48
Kitchen Service Renovation	Cranes	0	8.00	231	0.29
Kitchen Service Renovation	Forklifts	0	7.00	89	0.20
Kitchen Service Renovation	Generator Sets	0	8.00	84	0.74
Kitchen Service Renovation	Tractors/Loaders/Backhoes	0	6.00	97	0.37
Kitchen Service Renovation	Welders	1	8.00	46	0.45
Grading - Expansion	Graders	1	8.00	187	0.41
Grading - Expansion	Rubber Tired Dozers	1	8.00	247	0.40
Grading - Expansion	Tractors/Loaders/Backhoes	2	7.00	97	0.37
Building Construction	Cranes	1	8.00	231	0.29
Building Construction	Forklifts	2	7.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Building Construction	Welders	3	8.00	46	0.45
Canopy - New	Cranes	1	8.00	231	0.29
Canopy - New	Forklifts	2	7.00	89	0.20
Canopy - New	Generator Sets	1	8.00	84	0.74
Canopy - New	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Canopy - New	Welders	3	8.00	46	0.45
Paving - Parking	Cement and Mortar Mixers	1	6.00	9	0.56
Paving - Parking	Pavers	1	6.00	130	0.42
Paving - Parking	Paving Equipment	1	8.00	132	0.36

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Paving - Parking	Rollers	1	7.00	80	0.38
Paving - Parking	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Utilities - Storm Drains	1	3.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
NICU Renovation	2	5.00	18.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Helipad Construction	8	20.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Kitchen Service Renovation	2	5.00	18.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading - Expansion	4	10.00	0.00	579.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	8	20.00	18.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Canopy - New	8	20.00	18.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving - Parking	5	13.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	8.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

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3.2 Utilities - Storm Drains - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	8.3400e-003	0.0755	0.0524	7.0000e-005		5.6500e-003	5.6500e-003		5.2000e-003	5.2000e-003	0.0000	5.8925	5.8925	1.9100e-003	0.0000	5.9402
Total	8.3400e-003	0.0755	0.0524	7.0000e-005		5.6500e-003	5.6500e-003		5.2000e-003	5.2000e-003	0.0000	5.8925	5.8925	1.9100e-003	0.0000	5.9402

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.7000e-004	2.6000e-004	2.7300e-003	1.0000e-005	8.7000e-004	1.0000e-005	8.8000e-004	2.3000e-004	0.0000	2.4000e-004	0.0000	0.7311	0.7311	2.0000e-005	0.0000	0.7315
Total	3.7000e-004	2.6000e-004	2.7300e-003	1.0000e-005	8.7000e-004	1.0000e-005	8.8000e-004	2.3000e-004	0.0000	2.4000e-004	0.0000	0.7311	0.7311	2.0000e-005	0.0000	0.7315

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3.2 Utilities - Storm Drains - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	8.3400e-003	0.0755	0.0524	7.0000e-005		5.6500e-003	5.6500e-003		5.2000e-003	5.2000e-003	0.0000	5.8925	5.8925	1.9100e-003	0.0000	5.9402
Total	8.3400e-003	0.0755	0.0524	7.0000e-005		5.6500e-003	5.6500e-003		5.2000e-003	5.2000e-003	0.0000	5.8925	5.8925	1.9100e-003	0.0000	5.9402

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.7000e-004	2.6000e-004	2.7300e-003	1.0000e-005	8.7000e-004	1.0000e-005	8.8000e-004	2.3000e-004	0.0000	2.4000e-004	0.0000	0.7311	0.7311	2.0000e-005	0.0000	0.7315
Total	3.7000e-004	2.6000e-004	2.7300e-003	1.0000e-005	8.7000e-004	1.0000e-005	8.8000e-004	2.3000e-004	0.0000	2.4000e-004	0.0000	0.7311	0.7311	2.0000e-005	0.0000	0.7315

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3.2 Utilities - Storm Drains - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0374	0.3437	0.2551	3.3000e-004		0.0250	0.0250		0.0230	0.0230	0.0000	29.0277	29.0277	9.3900e-003	0.0000	29.2624
Total	0.0374	0.3437	0.2551	3.3000e-004		0.0250	0.0250		0.0230	0.0230	0.0000	29.0277	29.0277	9.3900e-003	0.0000	29.2624

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.6800e-003	1.1300e-003	0.0123	4.0000e-005	4.3000e-003	3.0000e-005	4.3300e-003	1.1400e-003	2.0000e-005	1.1700e-003	0.0000	3.4798	3.4798	8.0000e-005	0.0000	3.4819
Total	1.6800e-003	1.1300e-003	0.0123	4.0000e-005	4.3000e-003	3.0000e-005	4.3300e-003	1.1400e-003	2.0000e-005	1.1700e-003	0.0000	3.4798	3.4798	8.0000e-005	0.0000	3.4819

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3.2 Utilities - Storm Drains - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0374	0.3437	0.2551	3.3000e-004		0.0250	0.0250		0.0230	0.0230	0.0000	29.0277	29.0277	9.3900e-003	0.0000	29.2624
Total	0.0374	0.3437	0.2551	3.3000e-004		0.0250	0.0250		0.0230	0.0230	0.0000	29.0277	29.0277	9.3900e-003	0.0000	29.2624

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.6800e-003	1.1300e-003	0.0123	4.0000e-005	4.3000e-003	3.0000e-005	4.3300e-003	1.1400e-003	2.0000e-005	1.1700e-003	0.0000	3.4798	3.4798	8.0000e-005	0.0000	3.4819
Total	1.6800e-003	1.1300e-003	0.0123	4.0000e-005	4.3000e-003	3.0000e-005	4.3300e-003	1.1400e-003	2.0000e-005	1.1700e-003	0.0000	3.4798	3.4798	8.0000e-005	0.0000	3.4819

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3.2 Utilities - Storm Drains - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	7.2300e-003	0.0672	0.0517	7.0000e-005		4.7600e-003	4.7600e-003		4.3800e-003	4.3800e-003	0.0000	5.8950	5.8950	1.9100e-003	0.0000	5.9427
Total	7.2300e-003	0.0672	0.0517	7.0000e-005		4.7600e-003	4.7600e-003		4.3800e-003	4.3800e-003	0.0000	5.8950	5.8950	1.9100e-003	0.0000	5.9427

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.2000e-004	2.1000e-004	2.3100e-003	1.0000e-005	8.7000e-004	1.0000e-005	8.8000e-004	2.3000e-004	0.0000	2.4000e-004	0.0000	0.6809	0.6809	1.0000e-005	0.0000	0.6812
Total	3.2000e-004	2.1000e-004	2.3100e-003	1.0000e-005	8.7000e-004	1.0000e-005	8.8000e-004	2.3000e-004	0.0000	2.4000e-004	0.0000	0.6809	0.6809	1.0000e-005	0.0000	0.6812

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3.2 Utilities - Storm Drains - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	7.2300e-003	0.0672	0.0517	7.0000e-005		4.7600e-003	4.7600e-003		4.3800e-003	4.3800e-003	0.0000	5.8950	5.8950	1.9100e-003	0.0000	5.9427
Total	7.2300e-003	0.0672	0.0517	7.0000e-005		4.7600e-003	4.7600e-003		4.3800e-003	4.3800e-003	0.0000	5.8950	5.8950	1.9100e-003	0.0000	5.9427

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.2000e-004	2.1000e-004	2.3100e-003	1.0000e-005	8.7000e-004	1.0000e-005	8.8000e-004	2.3000e-004	0.0000	2.4000e-004	0.0000	0.6809	0.6809	1.0000e-005	0.0000	0.6812
Total	3.2000e-004	2.1000e-004	2.3100e-003	1.0000e-005	8.7000e-004	1.0000e-005	8.8000e-004	2.3000e-004	0.0000	2.4000e-004	0.0000	0.6809	0.6809	1.0000e-005	0.0000	0.6812

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3.3 NICU Renovation - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0390	0.2326	0.2718	4.3000e-004		0.0131	0.0131		0.0131	0.0131	0.0000	34.6930	34.6930	3.1400e-003	0.0000	34.7715
Total	0.0390	0.2326	0.2718	4.3000e-004		0.0131	0.0131		0.0131	0.0131	0.0000	34.6930	34.6930	3.1400e-003	0.0000	34.7715

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.7600e-003	0.1469	0.0283	4.0000e-004	9.9500e-003	2.8000e-004	0.0102	2.8700e-003	2.7000e-004	3.1400e-003	0.0000	38.4258	38.4258	2.9300e-003	0.0000	38.4991
Worker	1.8800e-003	1.2600e-003	0.0138	4.0000e-005	4.8100e-003	3.0000e-005	4.8400e-003	1.2800e-003	3.0000e-005	1.3000e-003	0.0000	3.8887	3.8887	9.0000e-005	0.0000	3.8910
Total	5.6400e-003	0.1481	0.0420	4.4000e-004	0.0148	3.1000e-004	0.0151	4.1500e-003	3.0000e-004	4.4400e-003	0.0000	42.3145	42.3145	3.0200e-003	0.0000	42.3900

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3.3 NICU Renovation - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0390	0.2326	0.2718	4.3000e-004		0.0131	0.0131		0.0131	0.0131	0.0000	34.6929	34.6929	3.1400e-003	0.0000	34.7715
Total	0.0390	0.2326	0.2718	4.3000e-004		0.0131	0.0131		0.0131	0.0131	0.0000	34.6929	34.6929	3.1400e-003	0.0000	34.7715

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.7600e-003	0.1469	0.0283	4.0000e-004	9.9500e-003	2.8000e-004	0.0102	2.8700e-003	2.7000e-004	3.1400e-003	0.0000	38.4258	38.4258	2.9300e-003	0.0000	38.4991
Worker	1.8800e-003	1.2600e-003	0.0138	4.0000e-005	4.8100e-003	3.0000e-005	4.8400e-003	1.2800e-003	3.0000e-005	1.3000e-003	0.0000	3.8887	3.8887	9.0000e-005	0.0000	3.8910
Total	5.6400e-003	0.1481	0.0420	4.4000e-004	0.0148	3.1000e-004	0.0151	4.1500e-003	3.0000e-004	4.4400e-003	0.0000	42.3145	42.3145	3.0200e-003	0.0000	42.3900

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3.3 NICU Renovation - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	2.0600e-003	0.0125	0.0154	2.0000e-005		6.5000e-004	6.5000e-004		6.5000e-004	6.5000e-004	0.0000	1.9825	1.9825	1.7000e-004	0.0000	1.9866
Total	2.0600e-003	0.0125	0.0154	2.0000e-005		6.5000e-004	6.5000e-004		6.5000e-004	6.5000e-004	0.0000	1.9825	1.9825	1.7000e-004	0.0000	1.9866

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-004	7.9100e-003	1.5000e-003	2.0000e-005	5.7000e-004	1.0000e-005	5.8000e-004	1.6000e-004	1.0000e-005	1.8000e-004	0.0000	2.1769	2.1769	1.6000e-004	0.0000	2.1808
Worker	1.0000e-004	6.0000e-005	7.2000e-004	0.0000	2.7000e-004	0.0000	2.8000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.2141	0.2141	0.0000	0.0000	0.2142
Total	3.0000e-004	7.9700e-003	2.2200e-003	2.0000e-005	8.4000e-004	1.0000e-005	8.6000e-004	2.3000e-004	1.0000e-005	2.5000e-004	0.0000	2.3910	2.3910	1.6000e-004	0.0000	2.3951

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3.3 NICU Renovation - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	2.0600e-003	0.0125	0.0154	2.0000e-005		6.5000e-004	6.5000e-004		6.5000e-004	6.5000e-004	0.0000	1.9825	1.9825	1.7000e-004	0.0000	1.9866
Total	2.0600e-003	0.0125	0.0154	2.0000e-005		6.5000e-004	6.5000e-004		6.5000e-004	6.5000e-004	0.0000	1.9825	1.9825	1.7000e-004	0.0000	1.9866

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-004	7.9100e-003	1.5000e-003	2.0000e-005	5.7000e-004	1.0000e-005	5.8000e-004	1.6000e-004	1.0000e-005	1.8000e-004	0.0000	2.1769	2.1769	1.6000e-004	0.0000	2.1808
Worker	1.0000e-004	6.0000e-005	7.2000e-004	0.0000	2.7000e-004	0.0000	2.8000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.2141	0.2141	0.0000	0.0000	0.2142
Total	3.0000e-004	7.9700e-003	2.2200e-003	2.0000e-005	8.4000e-004	1.0000e-005	8.6000e-004	2.3000e-004	1.0000e-005	2.5000e-004	0.0000	2.3910	2.3910	1.6000e-004	0.0000	2.3951

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3.4 Helipad Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0612	0.5797	0.6027	9.4000e-004		0.0315	0.0315		0.0292	0.0292	0.0000	78.7248	78.7248	0.0234	0.0000	79.3093
Paving	2.1000e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0633	0.5797	0.6027	9.4000e-004		0.0315	0.0315		0.0292	0.0292	0.0000	78.7248	78.7248	0.0234	0.0000	79.3093

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.9200e-003	3.9900e-003	0.0434	1.4000e-004	0.0152	9.0000e-005	0.0153	4.0300e-003	8.0000e-005	4.1100e-003	0.0000	12.2661	12.2661	2.9000e-004	0.0000	12.2732
Total	5.9200e-003	3.9900e-003	0.0434	1.4000e-004	0.0152	9.0000e-005	0.0153	4.0300e-003	8.0000e-005	4.1100e-003	0.0000	12.2661	12.2661	2.9000e-004	0.0000	12.2732

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3.4 Helipad Construction - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0612	0.5797	0.6027	9.4000e-004		0.0315	0.0315		0.0292	0.0292	0.0000	78.7247	78.7247	0.0234	0.0000	79.3092
Paving	2.1000e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0633	0.5797	0.6027	9.4000e-004		0.0315	0.0315		0.0292	0.0292	0.0000	78.7247	78.7247	0.0234	0.0000	79.3092

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.9200e-003	3.9900e-003	0.0434	1.4000e-004	0.0152	9.0000e-005	0.0153	4.0300e-003	8.0000e-005	4.1100e-003	0.0000	12.2661	12.2661	2.9000e-004	0.0000	12.2732
Total	5.9200e-003	3.9900e-003	0.0434	1.4000e-004	0.0152	9.0000e-005	0.0153	4.0300e-003	8.0000e-005	4.1100e-003	0.0000	12.2661	12.2661	2.9000e-004	0.0000	12.2732

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3.4 Helipad Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.1700e-003	0.0297	0.0347	5.0000e-005		1.5300e-003	1.5300e-003		1.4200e-003	1.4200e-003	0.0000	4.5656	4.5656	1.3600e-003	0.0000	4.5995
Paving	1.2000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	3.2900e-003	0.0297	0.0347	5.0000e-005		1.5300e-003	1.5300e-003		1.4200e-003	1.4200e-003	0.0000	4.5656	4.5656	1.3600e-003	0.0000	4.5995

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.2000e-004	2.1000e-004	2.3200e-003	1.0000e-005	8.8000e-004	1.0000e-005	8.8000e-004	2.3000e-004	0.0000	2.4000e-004	0.0000	0.6851	0.6851	1.0000e-005	0.0000	0.6855
Total	3.2000e-004	2.1000e-004	2.3200e-003	1.0000e-005	8.8000e-004	1.0000e-005	8.8000e-004	2.3000e-004	0.0000	2.4000e-004	0.0000	0.6851	0.6851	1.0000e-005	0.0000	0.6855

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3.4 Helipad Construction - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.1700e-003	0.0297	0.0347	5.0000e-005		1.5300e-003	1.5300e-003		1.4200e-003	1.4200e-003	0.0000	4.5656	4.5656	1.3600e-003	0.0000	4.5994
Paving	1.2000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	3.2900e-003	0.0297	0.0347	5.0000e-005		1.5300e-003	1.5300e-003		1.4200e-003	1.4200e-003	0.0000	4.5656	4.5656	1.3600e-003	0.0000	4.5994

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.2000e-004	2.1000e-004	2.3200e-003	1.0000e-005	8.8000e-004	1.0000e-005	8.8000e-004	2.3000e-004	0.0000	2.4000e-004	0.0000	0.6851	0.6851	1.0000e-005	0.0000	0.6855
Total	3.2000e-004	2.1000e-004	2.3200e-003	1.0000e-005	8.8000e-004	1.0000e-005	8.8000e-004	2.3000e-004	0.0000	2.4000e-004	0.0000	0.6851	0.6851	1.0000e-005	0.0000	0.6855

Rancho Springs Medical Center Expansion - Riverside-South Coast County, Annual

3.5 Kitchen Service Renovation - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0310	0.1806	0.2104	3.3000e-004		0.0100	0.0100		0.0100	0.0100	0.0000	26.3910	26.3910	2.5000e-003	0.0000	26.4535
Total	0.0310	0.1806	0.2104	3.3000e-004		0.0100	0.0100		0.0100	0.0100	0.0000	26.3910	26.3910	2.5000e-003	0.0000	26.4535

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.5600e-003	0.0999	0.0192	2.7000e-004	6.7600e-003	1.9000e-004	6.9600e-003	1.9500e-003	1.8000e-004	2.1300e-003	0.0000	26.1295	26.1295	1.9900e-003	0.0000	26.1794
Worker	1.2800e-003	8.6000e-004	9.3700e-003	3.0000e-005	3.2700e-003	2.0000e-005	3.2900e-003	8.7000e-004	2.0000e-005	8.9000e-004	0.0000	2.6443	2.6443	6.0000e-005	0.0000	2.6459
Total	3.8400e-003	0.1007	0.0286	3.0000e-004	0.0100	2.1000e-004	0.0103	2.8200e-003	2.0000e-004	3.0200e-003	0.0000	28.7739	28.7739	2.0500e-003	0.0000	28.8252

Rancho Springs Medical Center Expansion - Riverside-South Coast County, Annual

3.5 Kitchen Service Renovation - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0310	0.1806	0.2104	3.3000e-004		0.0100	0.0100		0.0100	0.0100	0.0000	26.3910	26.3910	2.5000e-003	0.0000	26.4535
Total	0.0310	0.1806	0.2104	3.3000e-004		0.0100	0.0100		0.0100	0.0100	0.0000	26.3910	26.3910	2.5000e-003	0.0000	26.4535

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.5600e-003	0.0999	0.0192	2.7000e-004	6.7600e-003	1.9000e-004	6.9600e-003	1.9500e-003	1.8000e-004	2.1300e-003	0.0000	26.1295	26.1295	1.9900e-003	0.0000	26.1794
Worker	1.2800e-003	8.6000e-004	9.3700e-003	3.0000e-005	3.2700e-003	2.0000e-005	3.2900e-003	8.7000e-004	2.0000e-005	8.9000e-004	0.0000	2.6443	2.6443	6.0000e-005	0.0000	2.6459
Total	3.8400e-003	0.1007	0.0286	3.0000e-004	0.0100	2.1000e-004	0.0103	2.8200e-003	2.0000e-004	3.0200e-003	0.0000	28.7739	28.7739	2.0500e-003	0.0000	28.8252

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3.5 Kitchen Service Renovation - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0590	0.3517	0.4299	6.8000e-004		0.0178	0.0178		0.0178	0.0178	0.0000	54.3344	54.3344	4.8000e-003	0.0000	54.4543
Total	0.0590	0.3517	0.4299	6.8000e-004		0.0178	0.0178		0.0178	0.0178	0.0000	54.3344	54.3344	4.8000e-003	0.0000	54.4543

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.9100e-003	0.1937	0.0368	5.6000e-004	0.0139	3.3000e-004	0.0143	4.0200e-003	3.2000e-004	4.3300e-003	0.0000	53.3333	53.3333	3.8900e-003	0.0000	53.4305
Worker	2.4600e-003	1.5900e-003	0.0178	6.0000e-005	6.7300e-003	4.0000e-005	6.7700e-003	1.7900e-003	4.0000e-005	1.8200e-003	0.0000	5.2455	5.2455	1.1000e-004	0.0000	5.2484
Total	7.3700e-003	0.1953	0.0546	6.2000e-004	0.0207	3.7000e-004	0.0210	5.8100e-003	3.6000e-004	6.1500e-003	0.0000	58.5789	58.5789	4.0000e-003	0.0000	58.6789

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3.5 Kitchen Service Renovation - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0590	0.3517	0.4299	6.8000e-004		0.0178	0.0178		0.0178	0.0178	0.0000	54.3343	54.3343	4.8000e-003	0.0000	54.4542
Total	0.0590	0.3517	0.4299	6.8000e-004		0.0178	0.0178		0.0178	0.0178	0.0000	54.3343	54.3343	4.8000e-003	0.0000	54.4542

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.9100e-003	0.1937	0.0368	5.6000e-004	0.0139	3.3000e-004	0.0143	4.0200e-003	3.2000e-004	4.3300e-003	0.0000	53.3333	53.3333	3.8900e-003	0.0000	53.4305
Worker	2.4600e-003	1.5900e-003	0.0178	6.0000e-005	6.7300e-003	4.0000e-005	6.7700e-003	1.7900e-003	4.0000e-005	1.8200e-003	0.0000	5.2455	5.2455	1.1000e-004	0.0000	5.2484
Total	7.3700e-003	0.1953	0.0546	6.2000e-004	0.0207	3.7000e-004	0.0210	5.8100e-003	3.6000e-004	6.1500e-003	0.0000	58.5789	58.5789	4.0000e-003	0.0000	58.6789

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3.6 Grading - Expansion - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0377	0.0000	0.0377	0.0187	0.0000	0.0187	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	8.4700e-003	0.0934	0.0507	1.1000e-004		4.0800e-003	4.0800e-003		3.7600e-003	3.7600e-003	0.0000	9.9565	9.9565	3.2200e-003	0.0000	10.0370
Total	8.4700e-003	0.0934	0.0507	1.1000e-004	0.0377	4.0800e-003	0.0418	0.0187	3.7600e-003	0.0225	0.0000	9.9565	9.9565	3.2200e-003	0.0000	10.0370

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.3500e-003	0.0585	8.6000e-003	2.1000e-004	4.9900e-003	1.6000e-004	5.1500e-003	1.3700e-003	1.5000e-004	1.5200e-003	0.0000	20.5330	20.5330	1.2200e-003	0.0000	20.5634
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.2000e-004	1.4000e-004	1.5900e-003	1.0000e-005	6.0000e-004	0.0000	6.1000e-004	1.6000e-004	0.0000	1.6000e-004	0.0000	0.4710	0.4710	1.0000e-005	0.0000	0.4713
Total	1.5700e-003	0.0586	0.0102	2.2000e-004	5.5900e-003	1.6000e-004	5.7600e-003	1.5300e-003	1.5000e-004	1.6800e-003	0.0000	21.0040	21.0040	1.2300e-003	0.0000	21.0347

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3.6 Grading - Expansion - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0377	0.0000	0.0377	0.0187	0.0000	0.0187	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	8.4700e-003	0.0934	0.0507	1.1000e-004		4.0800e-003	4.0800e-003		3.7600e-003	3.7600e-003	0.0000	9.9565	9.9565	3.2200e-003	0.0000	10.0370
Total	8.4700e-003	0.0934	0.0507	1.1000e-004	0.0377	4.0800e-003	0.0418	0.0187	3.7600e-003	0.0225	0.0000	9.9565	9.9565	3.2200e-003	0.0000	10.0370

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.3500e-003	0.0585	8.6000e-003	2.1000e-004	4.9900e-003	1.6000e-004	5.1500e-003	1.3700e-003	1.5000e-004	1.5200e-003	0.0000	20.5330	20.5330	1.2200e-003	0.0000	20.5634
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.2000e-004	1.4000e-004	1.5900e-003	1.0000e-005	6.0000e-004	0.0000	6.1000e-004	1.6000e-004	0.0000	1.6000e-004	0.0000	0.4710	0.4710	1.0000e-005	0.0000	0.4713
Total	1.5700e-003	0.0586	0.0102	2.2000e-004	5.5900e-003	1.6000e-004	5.7600e-003	1.5300e-003	1.5000e-004	1.6800e-003	0.0000	21.0040	21.0040	1.2300e-003	0.0000	21.0347

Rancho Springs Medical Center Expansion - Riverside-South Coast County, Annual

3.7 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1633	1.2852	1.2631	2.2000e-003		0.0618	0.0618		0.0592	0.0592	0.0000	182.7585	182.7585	0.0353	0.0000	183.6400
Total	0.1633	1.2852	1.2631	2.2000e-003		0.0618	0.0618		0.0592	0.0592	0.0000	182.7585	182.7585	0.0353	0.0000	183.6400

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.5300e-003	0.1392	0.0265	4.0000e-004	0.0100	2.4000e-004	0.0102	2.8900e-003	2.3000e-004	3.1100e-003	0.0000	38.3129	38.3129	2.7900e-003	0.0000	38.3828
Worker	7.0700e-003	4.5700e-003	0.0510	1.7000e-004	0.0193	1.1000e-004	0.0195	5.1400e-003	1.0000e-004	5.2400e-003	0.0000	15.0728	15.0728	3.3000e-004	0.0000	15.0810
Total	0.0106	0.1437	0.0775	5.7000e-004	0.0293	3.5000e-004	0.0297	8.0300e-003	3.3000e-004	8.3500e-003	0.0000	53.3858	53.3858	3.1200e-003	0.0000	53.4638

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3.7 Building Construction - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1633	1.2852	1.2631	2.2000e-003		0.0618	0.0618		0.0592	0.0592	0.0000	182.7583	182.7583	0.0353	0.0000	183.6398
Total	0.1633	1.2852	1.2631	2.2000e-003		0.0618	0.0618		0.0592	0.0592	0.0000	182.7583	182.7583	0.0353	0.0000	183.6398

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.5300e-003	0.1392	0.0265	4.0000e-004	0.0100	2.4000e-004	0.0102	2.8900e-003	2.3000e-004	3.1100e-003	0.0000	38.3129	38.3129	2.7900e-003	0.0000	38.3828
Worker	7.0700e-003	4.5700e-003	0.0510	1.7000e-004	0.0193	1.1000e-004	0.0195	5.1400e-003	1.0000e-004	5.2400e-003	0.0000	15.0728	15.0728	3.3000e-004	0.0000	15.0810
Total	0.0106	0.1437	0.0775	5.7000e-004	0.0293	3.5000e-004	0.0297	8.0300e-003	3.3000e-004	8.3500e-003	0.0000	53.3858	53.3858	3.1200e-003	0.0000	53.4638

Rancho Springs Medical Center Expansion - Riverside-South Coast County, Annual

3.8 Canopy - New - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0844	0.6645	0.6531	1.1400e-003		0.0320	0.0320		0.0306	0.0306	0.0000	94.4945	94.4945	0.0182	0.0000	94.9502
Total	0.0844	0.6645	0.6531	1.1400e-003		0.0320	0.0320		0.0306	0.0306	0.0000	94.4945	94.4945	0.0182	0.0000	94.9502

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.8200e-003	0.0719	0.0137	2.1000e-004	5.1700e-003	1.2000e-004	5.3000e-003	1.4900e-003	1.2000e-004	1.6100e-003	0.0000	19.8095	19.8095	1.4400e-003	0.0000	19.8456
Worker	3.6600e-003	2.3700e-003	0.0264	9.0000e-005	0.0100	6.0000e-005	0.0101	2.6600e-003	5.0000e-005	2.7100e-003	0.0000	7.7933	7.7933	1.7000e-004	0.0000	7.7976
Total	5.4800e-003	0.0743	0.0401	3.0000e-004	0.0152	1.8000e-004	0.0154	4.1500e-003	1.7000e-004	4.3200e-003	0.0000	27.6029	27.6029	1.6100e-003	0.0000	27.6432

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3.8 Canopy - New - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0844	0.6645	0.6531	1.1400e-003		0.0320	0.0320		0.0306	0.0306	0.0000	94.4943	94.4943	0.0182	0.0000	94.9501
Total	0.0844	0.6645	0.6531	1.1400e-003		0.0320	0.0320		0.0306	0.0306	0.0000	94.4943	94.4943	0.0182	0.0000	94.9501

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.8200e-003	0.0719	0.0137	2.1000e-004	5.1700e-003	1.2000e-004	5.3000e-003	1.4900e-003	1.2000e-004	1.6100e-003	0.0000	19.8095	19.8095	1.4400e-003	0.0000	19.8456
Worker	3.6600e-003	2.3700e-003	0.0264	9.0000e-005	0.0100	6.0000e-005	0.0101	2.6600e-003	5.0000e-005	2.7100e-003	0.0000	7.7933	7.7933	1.7000e-004	0.0000	7.7976
Total	5.4800e-003	0.0743	0.0401	3.0000e-004	0.0152	1.8000e-004	0.0154	4.1500e-003	1.7000e-004	4.3200e-003	0.0000	27.6029	27.6029	1.6100e-003	0.0000	27.6432

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3.9 Paving - Parking - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0365	0.3590	0.4667	7.2000e-004		0.0184	0.0184		0.0170	0.0170	0.0000	62.3790	62.3790	0.0198	0.0000	62.8734
Paving	1.4200e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0379	0.3590	0.4667	7.2000e-004		0.0184	0.0184		0.0170	0.0170	0.0000	62.3790	62.3790	0.0198	0.0000	62.8734

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.7700e-003	1.7900e-003	0.0200	7.0000e-005	7.5700e-003	4.0000e-005	7.6200e-003	2.0100e-003	4.0000e-005	2.0500e-003	0.0000	5.9007	5.9007	1.3000e-004	0.0000	5.9039
Total	2.7700e-003	1.7900e-003	0.0200	7.0000e-005	7.5700e-003	4.0000e-005	7.6200e-003	2.0100e-003	4.0000e-005	2.0500e-003	0.0000	5.9007	5.9007	1.3000e-004	0.0000	5.9039

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3.9 Paving - Parking - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0365	0.3590	0.4667	7.2000e-004		0.0184	0.0184		0.0170	0.0170	0.0000	62.3789	62.3789	0.0198	0.0000	62.8733
Paving	1.4200e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0379	0.3590	0.4667	7.2000e-004		0.0184	0.0184		0.0170	0.0170	0.0000	62.3789	62.3789	0.0198	0.0000	62.8733

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.7700e-003	1.7900e-003	0.0200	7.0000e-005	7.5700e-003	4.0000e-005	7.6200e-003	2.0100e-003	4.0000e-005	2.0500e-003	0.0000	5.9007	5.9007	1.3000e-004	0.0000	5.9039
Total	2.7700e-003	1.7900e-003	0.0200	7.0000e-005	7.5700e-003	4.0000e-005	7.6200e-003	2.0100e-003	4.0000e-005	2.0500e-003	0.0000	5.9007	5.9007	1.3000e-004	0.0000	5.9039

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Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0193	0.1871	0.2641	4.1000e-004		9.2500e-003	9.2500e-003		8.5400e-003	8.5400e-003	0.0000	35.3173	35.3173	0.0112	0.0000	35.5972
Paving	8.0000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0201	0.1871	0.2641	4.1000e-004		9.2500e-003	9.2500e-003		8.5400e-003	8.5400e-003	0.0000	35.3173	35.3173	0.0112	0.0000	35.5972

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.4700e-003	9.1000e-004	0.0104	4.0000e-005	4.2900e-003	2.0000e-005	4.3100e-003	1.1400e-003	2.0000e-005	1.1600e-003	0.0000	3.2132	3.2132	7.0000e-005	0.0000	3.2149
Total	1.4700e-003	9.1000e-004	0.0104	4.0000e-005	4.2900e-003	2.0000e-005	4.3100e-003	1.1400e-003	2.0000e-005	1.1600e-003	0.0000	3.2132	3.2132	7.0000e-005	0.0000	3.2149

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3.9 Paving - Parking - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0193	0.1871	0.2641	4.1000e-004		9.2500e-003	9.2500e-003		8.5400e-003	8.5400e-003	0.0000	35.3172	35.3172	0.0112	0.0000	35.5971
Paving	8.0000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0201	0.1871	0.2641	4.1000e-004		9.2500e-003	9.2500e-003		8.5400e-003	8.5400e-003	0.0000	35.3172	35.3172	0.0112	0.0000	35.5971

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.4700e-003	9.1000e-004	0.0104	4.0000e-005	4.2900e-003	2.0000e-005	4.3100e-003	1.1400e-003	2.0000e-005	1.1600e-003	0.0000	3.2132	3.2132	7.0000e-005	0.0000	3.2149
Total	1.4700e-003	9.1000e-004	0.0104	4.0000e-005	4.2900e-003	2.0000e-005	4.3100e-003	1.1400e-003	2.0000e-005	1.1600e-003	0.0000	3.2132	3.2132	7.0000e-005	0.0000	3.2149

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3.10 Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.1588					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.5000e-003	0.0310	0.0399	7.0000e-005		1.8000e-003	1.8000e-003		1.8000e-003	1.8000e-003	0.0000	5.6172	5.6172	3.7000e-004	0.0000	5.6263
Total	0.1633	0.0310	0.0399	7.0000e-005		1.8000e-003	1.8000e-003		1.8000e-003	1.8000e-003	0.0000	5.6172	5.6172	3.7000e-004	0.0000	5.6263

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.1000e-004	4.6000e-004	5.1000e-003	2.0000e-005	1.9300e-003	1.0000e-005	1.9500e-003	5.1000e-004	1.0000e-005	5.2000e-004	0.0000	1.5073	1.5073	3.0000e-005	0.0000	1.5081
Total	7.1000e-004	4.6000e-004	5.1000e-003	2.0000e-005	1.9300e-003	1.0000e-005	1.9500e-003	5.1000e-004	1.0000e-005	5.2000e-004	0.0000	1.5073	1.5073	3.0000e-005	0.0000	1.5081

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3.10 Architectural Coating - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.1588					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.5000e-003	0.0310	0.0399	7.0000e-005		1.8000e-003	1.8000e-003		1.8000e-003	1.8000e-003	0.0000	5.6172	5.6172	3.7000e-004	0.0000	5.6263
Total	0.1633	0.0310	0.0399	7.0000e-005		1.8000e-003	1.8000e-003		1.8000e-003	1.8000e-003	0.0000	5.6172	5.6172	3.7000e-004	0.0000	5.6263

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.1000e-004	4.6000e-004	5.1000e-003	2.0000e-005	1.9300e-003	1.0000e-005	1.9500e-003	5.1000e-004	1.0000e-005	5.2000e-004	0.0000	1.5073	1.5073	3.0000e-005	0.0000	1.5081
Total	7.1000e-004	4.6000e-004	5.1000e-003	2.0000e-005	1.9300e-003	1.0000e-005	1.9500e-003	5.1000e-004	1.0000e-005	5.2000e-004	0.0000	1.5073	1.5073	3.0000e-005	0.0000	1.5081

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3.10 Architectural Coating - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0181					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.8000e-004	3.2600e-003	4.5300e-003	1.0000e-005		1.8000e-004	1.8000e-004		1.8000e-004	1.8000e-004	0.0000	0.6383	0.6383	4.0000e-005	0.0000	0.6393
Total	0.0185	3.2600e-003	4.5300e-003	1.0000e-005		1.8000e-004	1.8000e-004		1.8000e-004	1.8000e-004	0.0000	0.6383	0.6383	4.0000e-005	0.0000	0.6393

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.0000e-005	5.0000e-005	5.3000e-004	0.0000	2.2000e-004	0.0000	2.2000e-004	6.0000e-005	0.0000	6.0000e-005	0.0000	0.1648	0.1648	0.0000	0.0000	0.1649
Total	8.0000e-005	5.0000e-005	5.3000e-004	0.0000	2.2000e-004	0.0000	2.2000e-004	6.0000e-005	0.0000	6.0000e-005	0.0000	0.1648	0.1648	0.0000	0.0000	0.1649

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3.10 Architectural Coating - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0181					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.8000e-004	3.2600e-003	4.5300e-003	1.0000e-005		1.8000e-004	1.8000e-004		1.8000e-004	1.8000e-004	0.0000	0.6383	0.6383	4.0000e-005	0.0000	0.6393
Total	0.0185	3.2600e-003	4.5300e-003	1.0000e-005		1.8000e-004	1.8000e-004		1.8000e-004	1.8000e-004	0.0000	0.6383	0.6383	4.0000e-005	0.0000	0.6393

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.0000e-005	5.0000e-005	5.3000e-004	0.0000	2.2000e-004	0.0000	2.2000e-004	6.0000e-005	0.0000	6.0000e-005	0.0000	0.1648	0.1648	0.0000	0.0000	0.1649
Total	8.0000e-005	5.0000e-005	5.3000e-004	0.0000	2.2000e-004	0.0000	2.2000e-004	6.0000e-005	0.0000	6.0000e-005	0.0000	0.1648	0.1648	0.0000	0.0000	0.1649

4.0 Operational Detail - Mobile

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4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0803	0.5766	0.8381	3.8800e-003	0.2924	2.2000e-003	0.2946	0.0783	2.0500e-003	0.0804	0.0000	360.4725	360.4725	0.0183	0.0000	360.9302
Unmitigated	0.0803	0.5766	0.8381	3.8800e-003	0.2924	2.2000e-003	0.2946	0.0783	2.0500e-003	0.0804	0.0000	360.4725	360.4725	0.0183	0.0000	360.9302

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Hospital	385.92	297.00	260.28	765,817	765,817
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Total	385.92	297.00	260.28	765,817	765,817

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Hospital	7.47	7.47	7.47	64.90	16.10	19.00	73	25	2
Other Non-Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0

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4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Hospital	0.548600	0.036250	0.186898	0.112544	0.014284	0.004806	0.017604	0.070134	0.001409	0.001147	0.004508	0.000918	0.000898
Other Non-Asphalt Surfaces	0.548600	0.036250	0.186898	0.112544	0.014284	0.004806	0.017604	0.070134	0.001409	0.001147	0.004508	0.000918	0.000898
Parking Lot	0.548600	0.036250	0.186898	0.112544	0.014284	0.004806	0.017604	0.070134	0.001409	0.001147	0.004508	0.000918	0.000898

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	144.6273	144.6273	6.0200e-003	1.2000e-003	145.1365
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	144.6273	144.6273	6.0200e-003	1.2000e-003	145.1365
NaturalGas Mitigated	0.0147	0.1333	0.1120	8.0000e-004		0.0101	0.0101		0.0101	0.0101	0.0000	145.0813	145.0813	2.7800e-003	2.6600e-003	145.9434
NaturalGas Unmitigated	0.0147	0.1333	0.1120	8.0000e-004		0.0101	0.0101		0.0101	0.0101	0.0000	145.0813	145.0813	2.7800e-003	2.6600e-003	145.9434

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5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Hospital	2.71872e+006	0.0147	0.1333	0.1120	8.0000e-004		0.0101	0.0101		0.0101	0.0101	0.0000	145.0813	145.0813	2.7800e-003	2.6600e-003	145.9434
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0147	0.1333	0.1120	8.0000e-004		0.0101	0.0101		0.0101	0.0101	0.0000	145.0813	145.0813	2.7800e-003	2.6600e-003	145.9434

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Hospital	2.71872e+006	0.0147	0.1333	0.1120	8.0000e-004		0.0101	0.0101		0.0101	0.0101	0.0000	145.0813	145.0813	2.7800e-003	2.6600e-003	145.9434
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0147	0.1333	0.1120	8.0000e-004		0.0101	0.0101		0.0101	0.0101	0.0000	145.0813	145.0813	2.7800e-003	2.6600e-003	145.9434

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5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Hospital	663480	144.6273	6.0200e-003	1.2000e-003	145.1365
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Total		144.6273	6.0200e-003	1.2000e-003	145.1365

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Hospital	663480	144.6273	6.0200e-003	1.2000e-003	145.1365
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Total		144.6273	6.0200e-003	1.2000e-003	145.1365

6.0 Area Detail

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6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.1526	2.0000e-005	2.0600e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	4.0100e-003	4.0100e-003	1.0000e-005	0.0000	4.2700e-003
Unmitigated	0.1526	2.0000e-005	2.0600e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	4.0100e-003	4.0100e-003	1.0000e-005	0.0000	4.2700e-003

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0177					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.1347					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.9000e-004	2.0000e-005	2.0600e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	4.0100e-003	4.0100e-003	1.0000e-005	0.0000	4.2700e-003
Total	0.1526	2.0000e-005	2.0600e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	4.0100e-003	4.0100e-003	1.0000e-005	0.0000	4.2700e-003

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6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0177					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.1347					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.9000e-004	2.0000e-005	2.0600e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	4.0100e-003	4.0100e-003	1.0000e-005	0.0000	4.2700e-003
Total	0.1526	2.0000e-005	2.0600e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	4.0100e-003	4.0100e-003	1.0000e-005	0.0000	4.2700e-003

7.0 Water Detail

7.1 Mitigation Measures Water

Rancho Springs Medical Center Expansion - Riverside-South Coast County, Annual

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	16.3386	0.1478	3.6000e-003	21.1068
Unmitigated	16.3386	0.1478	3.6000e-003	21.1068

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Hospital	4.5173 / 0.860438	16.3386	0.1478	3.6000e-003	21.1068
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		16.3386	0.1478	3.6000e-003	21.1068

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7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Hospital	4.5173 / 0.860438	16.3386	0.1478	3.6000e-003	21.1068
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		16.3386	0.1478	3.6000e-003	21.1068

8.0 Waste Detail

8.1 Mitigation Measures Waste

Rancho Springs Medical Center Expansion - Riverside-South Coast County, Annual

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	78.9229	4.6642	0.0000	195.5281
Unmitigated	78.9229	4.6642	0.0000	195.5281

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Hospital	388.8	78.9229	4.6642	0.0000	195.5281
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Total		78.9229	4.6642	0.0000	195.5281

Rancho Springs Medical Center Expansion - Riverside-South Coast County, Annual

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Hospital	388.8	78.9229	4.6642	0.0000	195.5281
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Total		78.9229	4.6642	0.0000	195.5281

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
----------------	--------	-----------	-----------	-------------	-------------	-----------

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
----------------	--------	-----------	------------	-------------	-------------	-----------

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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User Defined Equipment

Equipment Type	Number
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Rancho Springs Medical Center Expansion - Riverside-South Coast County, Annual

11.0 Vegetation

Rancho Springs Medical Center Expansion - Riverside-South Coast County, Summer

Rancho Springs Medical Center Expansion
Riverside-South Coast County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Hospital	36.00	1000sqft	0.40	36,000.00	0
Other Non-Asphalt Surfaces	0.50	Acre	0.50	21,780.00	0
Parking Lot	125.00	Space	1.70	50,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.4	Precipitation Freq (Days)	28
Climate Zone	10			Operational Year	2023
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	480.57	CH4 Intensity (lb/MW hr)	0.02	N2O Intensity (lb/MW hr)	0.004

1.3 User Entered Comments & Non-Default Data

Rancho Springs Medical Center Expansion - Riverside-South Coast County, Summer

Project Characteristics - South Coast Edison 2019 Corporate Responsibility Report

RPS goal 44% by 2024

Land Use - Project Acreages; 0.5 acre helipad area, 0.4 acre building (two-story), 1.7 acre remaining parking

Construction Phase - Project Schedule as of June 20, 2020

Off-road Equipment -

Off-road Equipment -

Off-road Equipment - Canopy Construction

Off-road Equipment -

Off-road Equipment - Helipad Paving Equipment (Default for <1 acre)

Off-road Equipment - Kitchen Renovation Equipment

Off-road Equipment - Renovation Equipment for NICU

Off-road Equipment -

Off-road Equipment - Parking Lot Paving Equipment (Default for <2 acre)

Off-road Equipment - Trenching for Storm Drains

Trips and VMT - Standard worker trip generation rate (2.5 one-way daily trips per pieces of equipment).

Grading - Estimated Grading 4,632 cy export; limits of work include 8.1 acres.

Vehicle Trips - Project Transportation Impact Analysis from July 16, 2020

EMFAC2017 trip length 7.47 miles for 2023

Energy Use - Removed parking lot lighting since it is not new.

Water Mitigation -

Waste Mitigation -

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	10.00	49.00
tblConstructionPhase	NumDays	220.00	185.00
tblConstructionPhase	NumDays	220.00	364.00
tblConstructionPhase	NumDays	220.00	176.00
tblConstructionPhase	NumDays	220.00	91.00

Rancho Springs Medical Center Expansion - Riverside-South Coast County, Summer

tblConstructionPhase	NumDays	6.00	11.00
tblConstructionPhase	NumDays	10.00	146.00
tblConstructionPhase	NumDays	10.00	166.00
tblEnergyUse	LightingElect	0.35	0.00
tblGrading	AcresOfGrading	5.50	8.10
tblGrading	MaterialExported	0.00	4,632.00
tblLandUse	LotAcreage	0.83	0.40
tblLandUse	LotAcreage	1.13	1.70
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	8.00	7.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	8.00	7.00
tblOffRoadEquipment	UsageHours	8.00	7.00

Rancho Springs Medical Center Expansion - Riverside-South Coast County, Summer

tblOffRoadEquipment	UsageHours	8.00	7.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.02
tblProjectCharacteristics	CO2IntensityFactor	702.44	480.57
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.004
tblTripsAndVMT	WorkerTripNumber	42.00	5.00
tblTripsAndVMT	WorkerTripNumber	42.00	5.00
tblTripsAndVMT	WorkerTripNumber	42.00	20.00
tblTripsAndVMT	WorkerTripNumber	42.00	20.00
tblVehicleTrips	CC_TL	8.40	7.47
tblVehicleTrips	CNW_TL	6.90	7.47
tblVehicleTrips	CW_TL	16.60	7.47
tblVehicleTrips	ST_TR	10.18	8.25
tblVehicleTrips	SU_TR	8.91	7.23
tblVehicleTrips	WD_TR	13.22	10.72

2.0 Emissions Summary

Rancho Springs Medical Center Expansion - Riverside-South Coast County, Summer

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	0.3301	2.8565	2.0982	2.8600e-003	0.0335	0.2134	0.2469	8.8900e-003	0.1963	0.2052	0.0000	278.1569	278.1569	0.0801	0.0000	280.1599
2021	2.4125	20.1503	19.1475	0.0393	0.5994	0.9740	1.5734	0.1642	0.9252	1.0894	0.0000	3,763.9158	3,763.9158	0.6175	0.0000	3,779.3517
2022	10.7562	43.7088	43.8291	0.0889	8.0934	1.9091	9.1936	3.7415	1.8234	4.7665	0.0000	8,422.8539	8,422.8539	1.4510	0.0000	8,459.1280
2023	8.1684	7.5847	11.2744	0.0186	0.2347	0.3806	0.6153	0.0623	0.3567	0.4189	0.0000	1,786.3769	1,786.3769	0.4325	0.0000	1,797.1898
Maximum	10.7562	43.7088	43.8291	0.0889	8.0934	1.9091	9.1936	3.7415	1.8234	4.7665	0.0000	8,422.8539	8,422.8539	1.4510	0.0000	8,459.1280

Rancho Springs Medical Center Expansion - Riverside-South Coast County, Summer

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.8367	1.5000e-004	0.0165	0.0000		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005		0.0353	0.0353	9.0000e-005		0.0377
Energy	0.0803	0.7303	0.6134	4.3800e-003		0.0555	0.0555		0.0555	0.0555		876.2998	876.2998	0.0168	0.0161	881.5072
Mobile	0.5776	3.4195	5.5094	0.0245	1.7739	0.0131	1.7870	0.4746	0.0122	0.4868		2,508.4971	2,508.4971	0.1192		2,511.4762
Total	1.4946	4.1499	6.1393	0.0289	1.7739	0.0687	1.8426	0.4746	0.0678	0.5423		3,384.8322	3,384.8322	0.1361	0.0161	3,393.0210

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.8367	1.5000e-004	0.0165	0.0000		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005		0.0353	0.0353	9.0000e-005		0.0377
Energy	0.0803	0.7303	0.6134	4.3800e-003		0.0555	0.0555		0.0555	0.0555		876.2998	876.2998	0.0168	0.0161	881.5072
Mobile	0.5776	3.4195	5.5094	0.0245	1.7739	0.0131	1.7870	0.4746	0.0122	0.4868		2,508.4971	2,508.4971	0.1192		2,511.4762
Total	1.4946	4.1499	6.1393	0.0289	1.7739	0.0687	1.8426	0.4746	0.0678	0.5423		3,384.8322	3,384.8322	0.1361	0.0161	3,393.0210

Rancho Springs Medical Center Expansion - Riverside-South Coast County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Utilities - Storm Drains	Trenching	10/20/2020	3/16/2022	5	367	
2	NICU Renovation	Building Construction	5/3/2021	1/14/2022	5	185	
3	Helipad Construction	Paving	6/23/2021	1/12/2022	5	146	
4	Kitchen Service Renovation	Building Construction	7/20/2021	12/9/2022	5	364	
5	Grading - Expansion	Grading	2/11/2022	2/25/2022	5	11	
6	Building Construction	Building Construction	2/28/2022	10/31/2022	5	176	
7	Canopy - New	Building Construction	8/5/2022	12/9/2022	5	91	
8	Paving - Parking	Paving	8/5/2022	3/24/2023	5	166	
9	Architectural Coating	Architectural Coating	11/1/2022	1/6/2023	5	49	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 2.2

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 54,000; Non-Residential Outdoor: 18,000; Striped Parking Area: 4,307 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Utilities - Storm Drains	Trenchers	1	6.00	78	0.50

Rancho Springs Medical Center Expansion - Riverside-South Coast County, Summer

NICU Renovation	Air Compressors	1	6.00	78	0.48
NICU Renovation	Cranes	0	8.00	231	0.29
NICU Renovation	Forklifts	0	7.00	89	0.20
NICU Renovation	Generator Sets	0	8.00	84	0.74
NICU Renovation	Tractors/Loaders/Backhoes	0	6.00	97	0.37
NICU Renovation	Welders	1	6.00	46	0.45
Helipad Construction	Cement and Mortar Mixers	4	6.00	9	0.56
Helipad Construction	Pavers	1	7.00	130	0.42
Helipad Construction	Paving Equipment	0	8.00	132	0.36
Helipad Construction	Rollers	2	7.00	80	0.38
Helipad Construction	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Kitchen Service Renovation	Air Compressors	1	6.00	78	0.48
Kitchen Service Renovation	Cranes	0	8.00	231	0.29
Kitchen Service Renovation	Forklifts	0	7.00	89	0.20
Kitchen Service Renovation	Generator Sets	0	8.00	84	0.74
Kitchen Service Renovation	Tractors/Loaders/Backhoes	0	6.00	97	0.37
Kitchen Service Renovation	Welders	1	8.00	46	0.45
Grading - Expansion	Graders	1	8.00	187	0.41
Grading - Expansion	Rubber Tired Dozers	1	8.00	247	0.40
Grading - Expansion	Tractors/Loaders/Backhoes	2	7.00	97	0.37
Building Construction	Cranes	1	8.00	231	0.29
Building Construction	Forklifts	2	7.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Building Construction	Welders	3	8.00	46	0.45
Canopy - New	Cranes	1	8.00	231	0.29
Canopy - New	Forklifts	2	7.00	89	0.20

Rancho Springs Medical Center Expansion - Riverside-South Coast County, Summer

Canopy - New	Generator Sets	1	8.00	84	0.74
Canopy - New	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Canopy - New	Welders	3	8.00	46	0.45
Paving - Parking	Cement and Mortar Mixers	1	6.00	9	0.56
Paving - Parking	Pavers	1	6.00	130	0.42
Paving - Parking	Paving Equipment	1	8.00	132	0.36
Paving - Parking	Rollers	1	7.00	80	0.38
Paving - Parking	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Utilities - Storm Drains	1	3.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
NICU Renovation	2	5.00	18.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Helipad Construction	8	20.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Kitchen Service Renovation	2	5.00	18.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading - Expansion	4	10.00	0.00	579.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	8	20.00	18.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Canopy - New	8	20.00	18.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving - Parking	5	13.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	8.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Rancho Springs Medical Center Expansion - Riverside-South Coast County, Summer

3.2 Utilities - Storm Drains - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3148	2.8474	1.9772	2.5300e-003		0.2132	0.2132		0.1961	0.1961		245.1091	245.1091	0.0793		247.0909
Total	0.3148	2.8474	1.9772	2.5300e-003		0.2132	0.2132		0.1961	0.1961		245.1091	245.1091	0.0793		247.0909

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0153	9.0300e-003	0.1210	3.3000e-004	0.0335	2.0000e-004	0.0337	8.8900e-003	1.9000e-004	9.0800e-003		33.0478	33.0478	8.5000e-004		33.0690
Total	0.0153	9.0300e-003	0.1210	3.3000e-004	0.0335	2.0000e-004	0.0337	8.8900e-003	1.9000e-004	9.0800e-003		33.0478	33.0478	8.5000e-004		33.0690

Rancho Springs Medical Center Expansion - Riverside-South Coast County, Summer

3.2 Utilities - Storm Drains - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3148	2.8474	1.9772	2.5300e-003		0.2132	0.2132		0.1961	0.1961	0.0000	245.1091	245.1091	0.0793		247.0909
Total	0.3148	2.8474	1.9772	2.5300e-003		0.2132	0.2132		0.1961	0.1961	0.0000	245.1091	245.1091	0.0793		247.0909

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0153	9.0300e-003	0.1210	3.3000e-004	0.0335	2.0000e-004	0.0337	8.8900e-003	1.9000e-004	9.0800e-003		33.0478	33.0478	8.5000e-004		33.0690
Total	0.0153	9.0300e-003	0.1210	3.3000e-004	0.0335	2.0000e-004	0.0337	8.8900e-003	1.9000e-004	9.0800e-003		33.0478	33.0478	8.5000e-004		33.0690

Rancho Springs Medical Center Expansion - Riverside-South Coast County, Summer

3.2 Utilities - Storm Drains - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2869	2.6341	1.9547	2.5300e-003		0.1913	0.1913		0.1760	0.1760		245.1919	245.1919	0.0793		247.1744
Total	0.2869	2.6341	1.9547	2.5300e-003		0.1913	0.1913		0.1760	0.1760		245.1919	245.1919	0.0793		247.1744

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0142	8.1000e-003	0.1109	3.2000e-004	0.0335	2.0000e-004	0.0337	8.8900e-003	1.8000e-004	9.0800e-003		31.9425	31.9425	7.6000e-004		31.9616
Total	0.0142	8.1000e-003	0.1109	3.2000e-004	0.0335	2.0000e-004	0.0337	8.8900e-003	1.8000e-004	9.0800e-003		31.9425	31.9425	7.6000e-004		31.9616

Rancho Springs Medical Center Expansion - Riverside-South Coast County, Summer

3.2 Utilities - Storm Drains - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2869	2.6341	1.9547	2.5300e-003		0.1913	0.1913		0.1760	0.1760	0.0000	245.1919	245.1919	0.0793		247.1744
Total	0.2869	2.6341	1.9547	2.5300e-003		0.1913	0.1913		0.1760	0.1760	0.0000	245.1919	245.1919	0.0793		247.1744

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0142	8.1000e-003	0.1109	3.2000e-004	0.0335	2.0000e-004	0.0337	8.8900e-003	1.8000e-004	9.0800e-003		31.9425	31.9425	7.6000e-004		31.9616
Total	0.0142	8.1000e-003	0.1109	3.2000e-004	0.0335	2.0000e-004	0.0337	8.8900e-003	1.8000e-004	9.0800e-003		31.9425	31.9425	7.6000e-004		31.9616

Rancho Springs Medical Center Expansion - Riverside-South Coast County, Summer

3.2 Utilities - Storm Drains - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2729	2.5348	1.9492	2.5300e-003		0.1796	0.1796		0.1652	0.1652		245.2121	245.2121	0.0793		247.1947
Total	0.2729	2.5348	1.9492	2.5300e-003		0.1796	0.1796		0.1652	0.1652		245.2121	245.2121	0.0793		247.1947

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0133	7.2900e-003	0.1023	3.1000e-004	0.0335	1.9000e-004	0.0337	8.8900e-003	1.8000e-004	9.0700e-003		30.7754	30.7754	6.8000e-004		30.7925
Total	0.0133	7.2900e-003	0.1023	3.1000e-004	0.0335	1.9000e-004	0.0337	8.8900e-003	1.8000e-004	9.0700e-003		30.7754	30.7754	6.8000e-004		30.7925

Rancho Springs Medical Center Expansion - Riverside-South Coast County, Summer

3.2 Utilities - Storm Drains - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2729	2.5348	1.9492	2.5300e-003		0.1796	0.1796		0.1652	0.1652	0.0000	245.2121	245.2121	0.0793		247.1947
Total	0.2729	2.5348	1.9492	2.5300e-003		0.1796	0.1796		0.1652	0.1652	0.0000	245.2121	245.2121	0.0793		247.1947

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0133	7.2900e-003	0.1023	3.1000e-004	0.0335	1.9000e-004	0.0337	8.8900e-003	1.8000e-004	9.0700e-003		30.7754	30.7754	6.8000e-004		30.7925
Total	0.0133	7.2900e-003	0.1023	3.1000e-004	0.0335	1.9000e-004	0.0337	8.8900e-003	1.8000e-004	9.0700e-003		30.7754	30.7754	6.8000e-004		30.7925

Rancho Springs Medical Center Expansion - Riverside-South Coast County, Summer

3.3 NICU Renovation - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.4459	2.6585	3.1067	4.8900e-003		0.1497	0.1497		0.1497	0.1497		437.0563	437.0563	0.0396		438.0458
Total	0.4459	2.6585	3.1067	4.8900e-003		0.1497	0.1497		0.1497	0.1497		437.0563	437.0563	0.0396		438.0458

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0420	1.6657	0.2972	4.6600e-003	0.1153	3.1700e-003	0.1184	0.0332	3.0300e-003	0.0362		491.8518	491.8518	0.0352		492.7315
Worker	0.0237	0.0135	0.1849	5.3000e-004	0.0559	3.3000e-004	0.0562	0.0148	3.0000e-004	0.0151		53.2376	53.2376	1.2700e-003		53.2693
Total	0.0657	1.6792	0.4821	5.1900e-003	0.1712	3.5000e-003	0.1747	0.0480	3.3300e-003	0.0514		545.0894	545.0894	0.0365		546.0008

Rancho Springs Medical Center Expansion - Riverside-South Coast County, Summer

3.3 NICU Renovation - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.4459	2.6585	3.1067	4.8900e-003		0.1497	0.1497		0.1497	0.1497	0.0000	437.0563	437.0563	0.0396		438.0458
Total	0.4459	2.6585	3.1067	4.8900e-003		0.1497	0.1497		0.1497	0.1497	0.0000	437.0563	437.0563	0.0396		438.0458

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0420	1.6657	0.2972	4.6600e-003	0.1153	3.1700e-003	0.1184	0.0332	3.0300e-003	0.0362		491.8518	491.8518	0.0352		492.7315
Worker	0.0237	0.0135	0.1849	5.3000e-004	0.0559	3.3000e-004	0.0562	0.0148	3.0000e-004	0.0151		53.2376	53.2376	1.2700e-003		53.2693
Total	0.0657	1.6792	0.4821	5.1900e-003	0.1712	3.5000e-003	0.1747	0.0480	3.3300e-003	0.0514		545.0894	545.0894	0.0365		546.0008

Rancho Springs Medical Center Expansion - Riverside-South Coast County, Summer

3.3 NICU Renovation - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.4121	2.5057	3.0855	4.8900e-003		0.1296	0.1296		0.1296	0.1296		437.0563	437.0563	0.0369		437.9799
Total	0.4121	2.5057	3.0855	4.8900e-003		0.1296	0.1296		0.1296	0.1296		437.0563	437.0563	0.0369		437.9799

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0392	1.5715	0.2764	4.6200e-003	0.1153	2.6600e-003	0.1179	0.0332	2.5500e-003	0.0357		487.6653	487.6653	0.0333		488.4984
Worker	0.0222	0.0122	0.1705	5.1000e-004	0.0559	3.2000e-004	0.0562	0.0148	3.0000e-004	0.0151		51.2923	51.2923	1.1400e-003		51.3208
Total	0.0614	1.5837	0.4469	5.1300e-003	0.1712	2.9800e-003	0.1741	0.0480	2.8500e-003	0.0509		538.9576	538.9576	0.0345		539.8193

Rancho Springs Medical Center Expansion - Riverside-South Coast County, Summer

3.3 NICU Renovation - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.4121	2.5057	3.0855	4.8900e-003		0.1296	0.1296		0.1296	0.1296	0.0000	437.0563	437.0563	0.0369		437.9799
Total	0.4121	2.5057	3.0855	4.8900e-003		0.1296	0.1296		0.1296	0.1296	0.0000	437.0563	437.0563	0.0369		437.9799

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0392	1.5715	0.2764	4.6200e-003	0.1153	2.6600e-003	0.1179	0.0332	2.5500e-003	0.0357		487.6653	487.6653	0.0333		488.4984
Worker	0.0222	0.0122	0.1705	5.1000e-004	0.0559	3.2000e-004	0.0562	0.0148	3.0000e-004	0.0151		51.2923	51.2923	1.1400e-003		51.3208
Total	0.0614	1.5837	0.4469	5.1300e-003	0.1712	2.9800e-003	0.1741	0.0480	2.8500e-003	0.0509		538.9576	538.9576	0.0345		539.8193

Rancho Springs Medical Center Expansion - Riverside-South Coast County, Summer

3.4 Helipad Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.8872	8.4015	8.7352	0.0136		0.4563	0.4563		0.4233	0.4233		1,257.670 3	1,257.670 3	0.3735		1,267.007 2
Paving	0.0305					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9177	8.4015	8.7352	0.0136		0.4563	0.4563		0.4233	0.4233		1,257.670 3	1,257.670 3	0.3735		1,267.007 2

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0948	0.0540	0.7394	2.1400e-003	0.2236	1.3200e-003	0.2249	0.0593	1.2100e-003	0.0605		212.9502	212.9502	5.0800e-003		213.0771
Total	0.0948	0.0540	0.7394	2.1400e-003	0.2236	1.3200e-003	0.2249	0.0593	1.2100e-003	0.0605		212.9502	212.9502	5.0800e-003		213.0771

Rancho Springs Medical Center Expansion - Riverside-South Coast County, Summer

3.4 Helipad Construction - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.8872	8.4015	8.7352	0.0136		0.4563	0.4563		0.4233	0.4233	0.0000	1,257.670 3	1,257.670 3	0.3735		1,267.007 2
Paving	0.0305					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9177	8.4015	8.7352	0.0136		0.4563	0.4563		0.4233	0.4233	0.0000	1,257.670 3	1,257.670 3	0.3735		1,267.007 2

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0948	0.0540	0.7394	2.1400e-003	0.2236	1.3200e-003	0.2249	0.0593	1.2100e-003	0.0605		212.9502	212.9502	5.0800e-003		213.0771
Total	0.0948	0.0540	0.7394	2.1400e-003	0.2236	1.3200e-003	0.2249	0.0593	1.2100e-003	0.0605		212.9502	212.9502	5.0800e-003		213.0771

Rancho Springs Medical Center Expansion - Riverside-South Coast County, Summer

3.4 Helipad Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7924	7.4276	8.6626	0.0136		0.3831	0.3831		0.3559	0.3559		1,258.1654	1,258.1654	0.3736		1,267.5063
Paving	0.0305					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.8229	7.4276	8.6626	0.0136		0.3831	0.3831		0.3559	0.3559		1,258.1654	1,258.1654	0.3736		1,267.5063

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0887	0.0486	0.6820	2.0600e-003	0.2236	1.2800e-003	0.2248	0.0593	1.1800e-003	0.0605		205.1692	205.1692	4.5600e-003		205.2832
Total	0.0887	0.0486	0.6820	2.0600e-003	0.2236	1.2800e-003	0.2248	0.0593	1.1800e-003	0.0605		205.1692	205.1692	4.5600e-003		205.2832

Rancho Springs Medical Center Expansion - Riverside-South Coast County, Summer

3.4 Helipad Construction - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7924	7.4276	8.6626	0.0136		0.3831	0.3831		0.3559	0.3559	0.0000	1,258.1654	1,258.1654	0.3736		1,267.5063
Paving	0.0305					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.8229	7.4276	8.6626	0.0136		0.3831	0.3831		0.3559	0.3559	0.0000	1,258.1654	1,258.1654	0.3736		1,267.5063

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0887	0.0486	0.6820	2.0600e-003	0.2236	1.2800e-003	0.2248	0.0593	1.1800e-003	0.0605		205.1692	205.1692	4.5600e-003		205.2832
Total	0.0887	0.0486	0.6820	2.0600e-003	0.2236	1.2800e-003	0.2248	0.0593	1.1800e-003	0.0605		205.1692	205.1692	4.5600e-003		205.2832

Rancho Springs Medical Center Expansion - Riverside-South Coast County, Summer

3.5 Kitchen Service Renovation - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5216	3.0357	3.5364	5.5300e-003		0.1682	0.1682		0.1682	0.1682		488.9258	488.9258	0.0463		490.0841
Total	0.5216	3.0357	3.5364	5.5300e-003		0.1682	0.1682		0.1682	0.1682		488.9258	488.9258	0.0463		490.0841

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0420	1.6657	0.2972	4.6600e-003	0.1153	3.1700e-003	0.1184	0.0332	3.0300e-003	0.0362		491.8518	491.8518	0.0352		492.7315
Worker	0.0237	0.0135	0.1849	5.3000e-004	0.0559	3.3000e-004	0.0562	0.0148	3.0000e-004	0.0151		53.2376	53.2376	1.2700e-003		53.2693
Total	0.0657	1.6792	0.4821	5.1900e-003	0.1712	3.5000e-003	0.1747	0.0480	3.3300e-003	0.0514		545.0894	545.0894	0.0365		546.0008

Rancho Springs Medical Center Expansion - Riverside-South Coast County, Summer

3.5 Kitchen Service Renovation - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5216	3.0357	3.5364	5.5300e-003		0.1682	0.1682		0.1682	0.1682	0.0000	488.9258	488.9258	0.0463		490.0841
Total	0.5216	3.0357	3.5364	5.5300e-003		0.1682	0.1682		0.1682	0.1682	0.0000	488.9258	488.9258	0.0463		490.0841

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0420	1.6657	0.2972	4.6600e-003	0.1153	3.1700e-003	0.1184	0.0332	3.0300e-003	0.0362		491.8518	491.8518	0.0352		492.7315
Worker	0.0237	0.0135	0.1849	5.3000e-004	0.0559	3.3000e-004	0.0562	0.0148	3.0000e-004	0.0151		53.2376	53.2376	1.2700e-003		53.2693
Total	0.0657	1.6792	0.4821	5.1900e-003	0.1712	3.5000e-003	0.1747	0.0480	3.3300e-003	0.0514		545.0894	545.0894	0.0365		546.0008

Rancho Springs Medical Center Expansion - Riverside-South Coast County, Summer

3.5 Kitchen Service Renovation - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.4813	2.8714	3.5094	5.5300e-003		0.1456	0.1456		0.1456	0.1456		488.9258	488.9258	0.0432		490.0045
Total	0.4813	2.8714	3.5094	5.5300e-003		0.1456	0.1456		0.1456	0.1456		488.9258	488.9258	0.0432		490.0045

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0392	1.5715	0.2764	4.6200e-003	0.1153	2.6600e-003	0.1179	0.0332	2.5500e-003	0.0357		487.6653	487.6653	0.0333		488.4984
Worker	0.0222	0.0122	0.1705	5.1000e-004	0.0559	3.2000e-004	0.0562	0.0148	3.0000e-004	0.0151		51.2923	51.2923	1.1400e-003		51.3208
Total	0.0614	1.5837	0.4469	5.1300e-003	0.1712	2.9800e-003	0.1741	0.0480	2.8500e-003	0.0509		538.9576	538.9576	0.0345		539.8193

Rancho Springs Medical Center Expansion - Riverside-South Coast County, Summer

3.5 Kitchen Service Renovation - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.4813	2.8714	3.5094	5.5300e-003		0.1456	0.1456		0.1456	0.1456	0.0000	488.9258	488.9258	0.0432		490.0045
Total	0.4813	2.8714	3.5094	5.5300e-003		0.1456	0.1456		0.1456	0.1456	0.0000	488.9258	488.9258	0.0432		490.0045

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0392	1.5715	0.2764	4.6200e-003	0.1153	2.6600e-003	0.1179	0.0332	2.5500e-003	0.0357		487.6653	487.6653	0.0333		488.4984
Worker	0.0222	0.0122	0.1705	5.1000e-004	0.0559	3.2000e-004	0.0562	0.0148	3.0000e-004	0.0151		51.2923	51.2923	1.1400e-003		51.3208
Total	0.0614	1.5837	0.4469	5.1300e-003	0.1712	2.9800e-003	0.1741	0.0480	2.8500e-003	0.0509		538.9576	538.9576	0.0345		539.8193

Rancho Springs Medical Center Expansion - Riverside-South Coast County, Summer

3.6 Grading - Expansion - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.8563	0.0000	6.8563	3.4026	0.0000	3.4026			0.0000			0.0000
Off-Road	1.5403	16.9836	9.2202	0.0206		0.7423	0.7423		0.6829	0.6829		1,995.4825	1,995.4825	0.6454		2,011.6169
Total	1.5403	16.9836	9.2202	0.0206	6.8563	0.7423	7.5986	3.4026	0.6829	4.0855		1,995.4825	1,995.4825	0.6454		2,011.6169

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.2407	10.4244	1.4599	0.0392	0.9207	0.0289	0.9495	0.2524	0.0276	0.2800		4,159.4807	4,159.4807	0.2345		4,165.3430
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0444	0.0243	0.3410	1.0300e-003	0.1118	6.4000e-004	0.1124	0.0296	5.9000e-004	0.0302		102.5846	102.5846	2.2800e-003		102.6416
Total	0.2850	10.4487	1.8009	0.0402	1.0324	0.0295	1.0619	0.2820	0.0282	0.3102		4,262.0653	4,262.0653	0.2368		4,267.9846

Rancho Springs Medical Center Expansion - Riverside-South Coast County, Summer

3.6 Grading - Expansion - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.8563	0.0000	6.8563	3.4026	0.0000	3.4026			0.0000			0.0000
Off-Road	1.5403	16.9836	9.2202	0.0206		0.7423	0.7423		0.6829	0.6829	0.0000	1,995.4825	1,995.4825	0.6454		2,011.6169
Total	1.5403	16.9836	9.2202	0.0206	6.8563	0.7423	7.5986	3.4026	0.6829	4.0855	0.0000	1,995.4825	1,995.4825	0.6454		2,011.6169

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.2407	10.4244	1.4599	0.0392	0.9207	0.0289	0.9495	0.2524	0.0276	0.2800		4,159.4807	4,159.4807	0.2345		4,165.3430
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0444	0.0243	0.3410	1.0300e-003	0.1118	6.4000e-004	0.1124	0.0296	5.9000e-004	0.0302		102.5846	102.5846	2.2800e-003		102.6416
Total	0.2850	10.4487	1.8009	0.0402	1.0324	0.0295	1.0619	0.2820	0.0282	0.3102		4,262.0653	4,262.0653	0.2368		4,267.9846

Rancho Springs Medical Center Expansion - Riverside-South Coast County, Summer

3.7 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8555	14.6040	14.3533	0.0250		0.7022	0.7022		0.6731	0.6731		2,289.2813	2,289.2813	0.4417		2,300.3230
Total	1.8555	14.6040	14.3533	0.0250		0.7022	0.7022		0.6731	0.6731		2,289.2813	2,289.2813	0.4417		2,300.3230

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0392	1.5715	0.2764	4.6200e-003	0.1153	2.6600e-003	0.1179	0.0332	2.5500e-003	0.0357		487.6653	487.6653	0.0333		488.4984
Worker	0.0887	0.0486	0.6820	2.0600e-003	0.2236	1.2800e-003	0.2248	0.0593	1.1800e-003	0.0605		205.1692	205.1692	4.5600e-003		205.2832
Total	0.1279	1.6202	0.9584	6.6800e-003	0.3388	3.9400e-003	0.3428	0.0925	3.7300e-003	0.0962		692.8345	692.8345	0.0379		693.7817

Rancho Springs Medical Center Expansion - Riverside-South Coast County, Summer

3.7 Building Construction - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8555	14.6040	14.3533	0.0250		0.7022	0.7022		0.6731	0.6731	0.0000	2,289.2813	2,289.2813	0.4417		2,300.3230
Total	1.8555	14.6040	14.3533	0.0250		0.7022	0.7022		0.6731	0.6731	0.0000	2,289.2813	2,289.2813	0.4417		2,300.3230

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0392	1.5715	0.2764	4.6200e-003	0.1153	2.6600e-003	0.1179	0.0332	2.5500e-003	0.0357		487.6653	487.6653	0.0333		488.4984
Worker	0.0887	0.0486	0.6820	2.0600e-003	0.2236	1.2800e-003	0.2248	0.0593	1.1800e-003	0.0605		205.1692	205.1692	4.5600e-003		205.2832
Total	0.1279	1.6202	0.9584	6.6800e-003	0.3388	3.9400e-003	0.3428	0.0925	3.7300e-003	0.0962		692.8345	692.8345	0.0379		693.7817

Rancho Springs Medical Center Expansion - Riverside-South Coast County, Summer

3.8 Canopy - New - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8555	14.6040	14.3533	0.0250		0.7022	0.7022		0.6731	0.6731		2,289.2813	2,289.2813	0.4417		2,300.3230
Total	1.8555	14.6040	14.3533	0.0250		0.7022	0.7022		0.6731	0.6731		2,289.2813	2,289.2813	0.4417		2,300.3230

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0392	1.5715	0.2764	4.6200e-003	0.1153	2.6600e-003	0.1179	0.0332	2.5500e-003	0.0357		487.6653	487.6653	0.0333		488.4984
Worker	0.0887	0.0486	0.6820	2.0600e-003	0.2236	1.2800e-003	0.2248	0.0593	1.1800e-003	0.0605		205.1692	205.1692	4.5600e-003		205.2832
Total	0.1279	1.6202	0.9584	6.6800e-003	0.3388	3.9400e-003	0.3428	0.0925	3.7300e-003	0.0962		692.8345	692.8345	0.0379		693.7817

Rancho Springs Medical Center Expansion - Riverside-South Coast County, Summer

3.8 Canopy - New - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8555	14.6040	14.3533	0.0250		0.7022	0.7022		0.6731	0.6731	0.0000	2,289.2813	2,289.2813	0.4417		2,300.3230
Total	1.8555	14.6040	14.3533	0.0250		0.7022	0.7022		0.6731	0.6731	0.0000	2,289.2813	2,289.2813	0.4417		2,300.3230

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0392	1.5715	0.2764	4.6200e-003	0.1153	2.6600e-003	0.1179	0.0332	2.5500e-003	0.0357		487.6653	487.6653	0.0333		488.4984
Worker	0.0887	0.0486	0.6820	2.0600e-003	0.2236	1.2800e-003	0.2248	0.0593	1.1800e-003	0.0605		205.1692	205.1692	4.5600e-003		205.2832
Total	0.1279	1.6202	0.9584	6.6800e-003	0.3388	3.9400e-003	0.3428	0.0925	3.7300e-003	0.0962		692.8345	692.8345	0.0379		693.7817

Rancho Springs Medical Center Expansion - Riverside-South Coast County, Summer

3.9 Paving - Parking - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6877	6.7738	8.8060	0.0135		0.3474	0.3474		0.3205	0.3205		1,297.3789	1,297.3789	0.4113		1,307.6608
Paving	0.0268					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.7145	6.7738	8.8060	0.0135		0.3474	0.3474		0.3205	0.3205		1,297.3789	1,297.3789	0.4113		1,307.6608

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0577	0.0316	0.4433	1.3400e-003	0.1453	8.3000e-004	0.1461	0.0385	7.7000e-004	0.0393		133.3600	133.3600	2.9600e-003		133.4341
Total	0.0577	0.0316	0.4433	1.3400e-003	0.1453	8.3000e-004	0.1461	0.0385	7.7000e-004	0.0393		133.3600	133.3600	2.9600e-003		133.4341

Rancho Springs Medical Center Expansion - Riverside-South Coast County, Summer

3.9 Paving - Parking - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6877	6.7738	8.8060	0.0135		0.3474	0.3474		0.3205	0.3205	0.0000	1,297.3789	1,297.3789	0.4113		1,307.6608
Paving	0.0268					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.7145	6.7738	8.8060	0.0135		0.3474	0.3474		0.3205	0.3205	0.0000	1,297.3789	1,297.3789	0.4113		1,307.6608

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0577	0.0316	0.4433	1.3400e-003	0.1453	8.3000e-004	0.1461	0.0385	7.7000e-004	0.0393		133.3600	133.3600	2.9600e-003		133.4341
Total	0.0577	0.0316	0.4433	1.3400e-003	0.1453	8.3000e-004	0.1461	0.0385	7.7000e-004	0.0393		133.3600	133.3600	2.9600e-003		133.4341

Rancho Springs Medical Center Expansion - Riverside-South Coast County, Summer

3.9 Paving - Parking - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6446	6.2357	8.8024	0.0136		0.3084	0.3084		0.2846	0.2846		1,297.6880	1,297.6880	0.4114		1,307.9725
Paving	0.0268					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.6714	6.2357	8.8024	0.0136		0.3084	0.3084		0.2846	0.2846		1,297.6880	1,297.6880	0.4114		1,307.9725

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0541	0.0285	0.4091	1.2900e-003	0.1453	8.1000e-004	0.1461	0.0385	7.5000e-004	0.0393		128.2920	128.2920	2.6600e-003		128.3585
Total	0.0541	0.0285	0.4091	1.2900e-003	0.1453	8.1000e-004	0.1461	0.0385	7.5000e-004	0.0393		128.2920	128.2920	2.6600e-003		128.3585

Rancho Springs Medical Center Expansion - Riverside-South Coast County, Summer

3.9 Paving - Parking - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6446	6.2357	8.8024	0.0136		0.3084	0.3084		0.2846	0.2846	0.0000	1,297.6880	1,297.6880	0.4114		1,307.9725
Paving	0.0268					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.6714	6.2357	8.8024	0.0136		0.3084	0.3084		0.2846	0.2846	0.0000	1,297.6880	1,297.6880	0.4114		1,307.9725

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0541	0.0285	0.4091	1.2900e-003	0.1453	8.1000e-004	0.1461	0.0385	7.5000e-004	0.0393		128.2920	128.2920	2.6600e-003		128.3585
Total	0.0541	0.0285	0.4091	1.2900e-003	0.1453	8.1000e-004	0.1461	0.0385	7.5000e-004	0.0393		128.2920	128.2920	2.6600e-003		128.3585

Rancho Springs Medical Center Expansion - Riverside-South Coast County, Summer

3.10 Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	7.2180					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817		281.4481	281.4481	0.0183		281.9062
Total	7.4226	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817		281.4481	281.4481	0.0183		281.9062

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0355	0.0194	0.2728	8.2000e-004	0.0894	5.1000e-004	0.0899	0.0237	4.7000e-004	0.0242		82.0677	82.0677	1.8200e-003		82.1133
Total	0.0355	0.0194	0.2728	8.2000e-004	0.0894	5.1000e-004	0.0899	0.0237	4.7000e-004	0.0242		82.0677	82.0677	1.8200e-003		82.1133

Rancho Springs Medical Center Expansion - Riverside-South Coast County, Summer

3.10 Architectural Coating - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	7.2180					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817	0.0000	281.4481	281.4481	0.0183		281.9062
Total	7.4226	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817	0.0000	281.4481	281.4481	0.0183		281.9062

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0355	0.0194	0.2728	8.2000e-004	0.0894	5.1000e-004	0.0899	0.0237	4.7000e-004	0.0242		82.0677	82.0677	1.8200e-003		82.1133
Total	0.0355	0.0194	0.2728	8.2000e-004	0.0894	5.1000e-004	0.0899	0.0237	4.7000e-004	0.0242		82.0677	82.0677	1.8200e-003		82.1133

Rancho Springs Medical Center Expansion - Riverside-South Coast County, Summer

3.10 Architectural Coating - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	7.2180					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708		281.4481	281.4481	0.0168		281.8690
Total	7.4097	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708		281.4481	281.4481	0.0168		281.8690

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0333	0.0175	0.2518	7.9000e-004	0.0894	5.0000e-004	0.0899	0.0237	4.6000e-004	0.0242		78.9489	78.9489	1.6400e-003		78.9898
Total	0.0333	0.0175	0.2518	7.9000e-004	0.0894	5.0000e-004	0.0899	0.0237	4.6000e-004	0.0242		78.9489	78.9489	1.6400e-003		78.9898

Rancho Springs Medical Center Expansion - Riverside-South Coast County, Summer

3.10 Architectural Coating - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	7.2180					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708	0.0000	281.4481	281.4481	0.0168		281.8690
Total	7.4097	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708	0.0000	281.4481	281.4481	0.0168		281.8690

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0333	0.0175	0.2518	7.9000e-004	0.0894	5.0000e-004	0.0899	0.0237	4.6000e-004	0.0242		78.9489	78.9489	1.6400e-003		78.9898
Total	0.0333	0.0175	0.2518	7.9000e-004	0.0894	5.0000e-004	0.0899	0.0237	4.6000e-004	0.0242		78.9489	78.9489	1.6400e-003		78.9898

4.0 Operational Detail - Mobile

Rancho Springs Medical Center Expansion - Riverside-South Coast County, Summer

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.5776	3.4195	5.5094	0.0245	1.7739	0.0131	1.7870	0.4746	0.0122	0.4868		2,508.497 1	2,508.497 1	0.1192		2,511.4762
Unmitigated	0.5776	3.4195	5.5094	0.0245	1.7739	0.0131	1.7870	0.4746	0.0122	0.4868		2,508.497 1	2,508.497 1	0.1192		2,511.4762

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Hospital	385.92	297.00	260.28	765,817	765,817
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Total	385.92	297.00	260.28	765,817	765,817

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Hospital	7.47	7.47	7.47	64.90	16.10	19.00	73	25	2
Other Non-Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0

Rancho Springs Medical Center Expansion - Riverside-South Coast County, Summer

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Hospital	0.548600	0.036250	0.186898	0.112544	0.014284	0.004806	0.017604	0.070134	0.001409	0.001147	0.004508	0.000918	0.000898
Other Non-Asphalt Surfaces	0.548600	0.036250	0.186898	0.112544	0.014284	0.004806	0.017604	0.070134	0.001409	0.001147	0.004508	0.000918	0.000898
Parking Lot	0.548600	0.036250	0.186898	0.112544	0.014284	0.004806	0.017604	0.070134	0.001409	0.001147	0.004508	0.000918	0.000898

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0803	0.7303	0.6134	4.3800e-003		0.0555	0.0555		0.0555	0.0555		876.2998	876.2998	0.0168	0.0161	881.5072
NaturalGas Unmitigated	0.0803	0.7303	0.6134	4.3800e-003		0.0555	0.0555		0.0555	0.0555		876.2998	876.2998	0.0168	0.0161	881.5072

Rancho Springs Medical Center Expansion - Riverside-South Coast County, Summer

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Hospital	7448.55	0.0803	0.7303	0.6134	4.3800e-003		0.0555	0.0555		0.0555	0.0555		876.2998	876.2998	0.0168	0.0161	881.5072
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0803	0.7303	0.6134	4.3800e-003		0.0555	0.0555		0.0555	0.0555		876.2998	876.2998	0.0168	0.0161	881.5072

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Hospital	7.44855	0.0803	0.7303	0.6134	4.3800e-003		0.0555	0.0555		0.0555	0.0555		876.2998	876.2998	0.0168	0.0161	881.5072
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0803	0.7303	0.6134	4.3800e-003		0.0555	0.0555		0.0555	0.0555		876.2998	876.2998	0.0168	0.0161	881.5072

6.0 Area Detail

Rancho Springs Medical Center Expansion - Riverside-South Coast County, Summer

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.8367	1.5000e-004	0.0165	0.0000		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005		0.0353	0.0353	9.0000e-005		0.0377
Unmitigated	0.8367	1.5000e-004	0.0165	0.0000		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005		0.0353	0.0353	9.0000e-005		0.0377

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0969					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.7382					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.5300e-003	1.5000e-004	0.0165	0.0000		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005		0.0353	0.0353	9.0000e-005		0.0377
Total	0.8367	1.5000e-004	0.0165	0.0000		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005		0.0353	0.0353	9.0000e-005		0.0377

Rancho Springs Medical Center Expansion - Riverside-South Coast County, Summer

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0969					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.7382					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.5300e-003	1.5000e-004	0.0165	0.0000		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005		0.0353	0.0353	9.0000e-005		0.0377
Total	0.8367	1.5000e-004	0.0165	0.0000		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005		0.0353	0.0353	9.0000e-005		0.0377

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Rancho Springs Medical Center Expansion - Riverside-South Coast County, Summer

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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User Defined Equipment

Equipment Type	Number
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11.0 Vegetation

Rancho Springs Medical Center Expansion - Riverside-South Coast County, Winter

Rancho Springs Medical Center Expansion
Riverside-South Coast County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Hospital	36.00	1000sqft	0.40	36,000.00	0
Other Non-Asphalt Surfaces	0.50	Acre	0.50	21,780.00	0
Parking Lot	125.00	Space	1.70	50,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.4	Precipitation Freq (Days)	28
Climate Zone	10			Operational Year	2023
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	480.57	CH4 Intensity (lb/MW hr)	0.02	N2O Intensity (lb/MW hr)	0.004

1.3 User Entered Comments & Non-Default Data

Rancho Springs Medical Center Expansion - Riverside-South Coast County, Winter

Project Characteristics - South Coast Edison 2019 Corporate Responsibility Report

RPS goal 44% by 2024

Land Use - Project Acreages; 0.5 acre helipad area, 0.4 acre building (two-story), 1.7 acre remaining parking

Construction Phase - Project Schedule as of June 20, 2020

Off-road Equipment -

Off-road Equipment -

Off-road Equipment - Canopy Construction

Off-road Equipment -

Off-road Equipment - Helipad Paving Equipment (Default for <1 acre)

Off-road Equipment - Kitchen Renovation Equipment

Off-road Equipment - Renovation Equipment for NICU

Off-road Equipment -

Off-road Equipment - Parking Lot Paving Equipment (Default for <2 acre)

Off-road Equipment - Trenching for Storm Drains

Trips and VMT - Standard worker trip generation rate (2.5 one-way daily trips per pieces of equipment).

Grading - Estimated Grading 4,632 cy export; limits of work include 8.1 acres.

Vehicle Trips - Project Transportation Impact Analysis from July 16, 2020

EMFAC2017 trip length 7.47 miles for 2023

Energy Use - Removed parking lot lighting since it is not new.

Water Mitigation -

Waste Mitigation -

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	10.00	49.00
tblConstructionPhase	NumDays	220.00	185.00
tblConstructionPhase	NumDays	220.00	364.00
tblConstructionPhase	NumDays	220.00	176.00
tblConstructionPhase	NumDays	220.00	91.00

Rancho Springs Medical Center Expansion - Riverside-South Coast County, Winter

tblConstructionPhase	NumDays	6.00	11.00
tblConstructionPhase	NumDays	10.00	146.00
tblConstructionPhase	NumDays	10.00	166.00
tblEnergyUse	LightingElect	0.35	0.00
tblGrading	AcresOfGrading	5.50	8.10
tblGrading	MaterialExported	0.00	4,632.00
tblLandUse	LotAcreage	0.83	0.40
tblLandUse	LotAcreage	1.13	1.70
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	8.00	7.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	8.00	7.00
tblOffRoadEquipment	UsageHours	8.00	7.00

Rancho Springs Medical Center Expansion - Riverside-South Coast County, Winter

tblOffRoadEquipment	UsageHours	8.00	7.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.02
tblProjectCharacteristics	CO2IntensityFactor	702.44	480.57
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.004
tblTripsAndVMT	WorkerTripNumber	42.00	5.00
tblTripsAndVMT	WorkerTripNumber	42.00	5.00
tblTripsAndVMT	WorkerTripNumber	42.00	20.00
tblTripsAndVMT	WorkerTripNumber	42.00	20.00
tblVehicleTrips	CC_TL	8.40	7.47
tblVehicleTrips	CNW_TL	6.90	7.47
tblVehicleTrips	CW_TL	16.60	7.47
tblVehicleTrips	ST_TR	10.18	8.25
tblVehicleTrips	SU_TR	8.91	7.23
tblVehicleTrips	WD_TR	13.22	10.72

2.0 Emissions Summary

Rancho Springs Medical Center Expansion - Riverside-South Coast County, Winter

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	0.3298	2.8568	2.0751	2.8300e-003	0.0335	0.2134	0.2469	8.8900e-003	0.1963	0.2052	0.0000	274.7561	274.7561	0.0800	0.0000	276.7564
2021	2.4148	20.1247	19.0210	0.0387	0.5994	0.9742	1.5736	0.1642	0.9254	1.0896	0.0000	3,690.7618	3,690.7618	0.6244	0.0000	3,706.3713
2022	10.7580	43.6663	43.6005	0.0878	8.0934	1.9094	9.1942	3.7415	1.8236	4.7670	0.0000	8,306.3203	8,306.3203	1.4608	0.0000	8,342.8400
2023	8.1673	7.5862	11.1454	0.0184	0.2347	0.3806	0.6153	0.0623	0.3567	0.4189	0.0000	1,765.0726	1,765.0726	0.4320	0.0000	1,775.8717
Maximum	10.7580	43.6663	43.6005	0.0878	8.0934	1.9094	9.1942	3.7415	1.8236	4.7670	0.0000	8,306.3203	8,306.3203	1.4608	0.0000	8,342.8400

Rancho Springs Medical Center Expansion - Riverside-South Coast County, Winter

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.8367	1.5000e-004	0.0165	0.0000		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005		0.0353	0.0353	9.0000e-005		0.0377
Energy	0.0803	0.7303	0.6134	4.3800e-003		0.0555	0.0555		0.0555	0.0555		876.2998	876.2998	0.0168	0.0161	881.5072
Mobile	0.4782	3.3838	4.8848	0.0226	1.7739	0.0132	1.7871	0.4746	0.0123	0.4869		2,311.8199	2,311.8199	0.1246		2,314.9343
Total	1.3952	4.1142	5.5147	0.0270	1.7739	0.0688	1.8427	0.4746	0.0679	0.5424		3,188.1550	3,188.1550	0.1415	0.0161	3,196.4791

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.8367	1.5000e-004	0.0165	0.0000		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005		0.0353	0.0353	9.0000e-005		0.0377
Energy	0.0803	0.7303	0.6134	4.3800e-003		0.0555	0.0555		0.0555	0.0555		876.2998	876.2998	0.0168	0.0161	881.5072
Mobile	0.4782	3.3838	4.8848	0.0226	1.7739	0.0132	1.7871	0.4746	0.0123	0.4869		2,311.8199	2,311.8199	0.1246		2,314.9343
Total	1.3952	4.1142	5.5147	0.0270	1.7739	0.0688	1.8427	0.4746	0.0679	0.5424		3,188.1550	3,188.1550	0.1415	0.0161	3,196.4791

Rancho Springs Medical Center Expansion - Riverside-South Coast County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Utilities - Storm Drains	Trenching	10/20/2020	3/16/2022	5	367	
2	NICU Renovation	Building Construction	5/3/2021	1/14/2022	5	185	
3	Helipad Construction	Paving	6/23/2021	1/12/2022	5	146	
4	Kitchen Service Renovation	Building Construction	7/20/2021	12/9/2022	5	364	
5	Grading - Expansion	Grading	2/11/2022	2/25/2022	5	11	
6	Building Construction	Building Construction	2/28/2022	10/31/2022	5	176	
7	Canopy - New	Building Construction	8/5/2022	12/9/2022	5	91	
8	Paving - Parking	Paving	8/5/2022	3/24/2023	5	166	
9	Architectural Coating	Architectural Coating	11/1/2022	1/6/2023	5	49	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 2.2

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 54,000; Non-Residential Outdoor: 18,000; Striped Parking Area: 4,307 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Utilities - Storm Drains	Trenchers	1	6.00	78	0.50

Rancho Springs Medical Center Expansion - Riverside-South Coast County, Winter

NICU Renovation	Air Compressors	1	6.00	78	0.48
NICU Renovation	Cranes	0	8.00	231	0.29
NICU Renovation	Forklifts	0	7.00	89	0.20
NICU Renovation	Generator Sets	0	8.00	84	0.74
NICU Renovation	Tractors/Loaders/Backhoes	0	6.00	97	0.37
NICU Renovation	Welders	1	6.00	46	0.45
Helipad Construction	Cement and Mortar Mixers	4	6.00	9	0.56
Helipad Construction	Pavers	1	7.00	130	0.42
Helipad Construction	Paving Equipment	0	8.00	132	0.36
Helipad Construction	Rollers	2	7.00	80	0.38
Helipad Construction	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Kitchen Service Renovation	Air Compressors	1	6.00	78	0.48
Kitchen Service Renovation	Cranes	0	8.00	231	0.29
Kitchen Service Renovation	Forklifts	0	7.00	89	0.20
Kitchen Service Renovation	Generator Sets	0	8.00	84	0.74
Kitchen Service Renovation	Tractors/Loaders/Backhoes	0	6.00	97	0.37
Kitchen Service Renovation	Welders	1	8.00	46	0.45
Grading - Expansion	Graders	1	8.00	187	0.41
Grading - Expansion	Rubber Tired Dozers	1	8.00	247	0.40
Grading - Expansion	Tractors/Loaders/Backhoes	2	7.00	97	0.37
Building Construction	Cranes	1	8.00	231	0.29
Building Construction	Forklifts	2	7.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Building Construction	Welders	3	8.00	46	0.45
Canopy - New	Cranes	1	8.00	231	0.29
Canopy - New	Forklifts	2	7.00	89	0.20

Rancho Springs Medical Center Expansion - Riverside-South Coast County, Winter

Canopy - New	Generator Sets	1	8.00	84	0.74
Canopy - New	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Canopy - New	Welders	3	8.00	46	0.45
Paving - Parking	Cement and Mortar Mixers	1	6.00	9	0.56
Paving - Parking	Pavers	1	6.00	130	0.42
Paving - Parking	Paving Equipment	1	8.00	132	0.36
Paving - Parking	Rollers	1	7.00	80	0.38
Paving - Parking	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Utilities - Storm Drains	1	3.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
NICU Renovation	2	5.00	18.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Helipad Construction	8	20.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Kitchen Service Renovation	2	5.00	18.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading - Expansion	4	10.00	0.00	579.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	8	20.00	18.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Canopy - New	8	20.00	18.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving - Parking	5	13.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	8.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Rancho Springs Medical Center Expansion - Riverside-South Coast County, Winter

3.2 Utilities - Storm Drains - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3148	2.8474	1.9772	2.5300e-003		0.2132	0.2132		0.1961	0.1961		245.1091	245.1091	0.0793		247.0909
Total	0.3148	2.8474	1.9772	2.5300e-003		0.2132	0.2132		0.1961	0.1961		245.1091	245.1091	0.0793		247.0909

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0150	9.3400e-003	0.0979	3.0000e-004	0.0335	2.0000e-004	0.0337	8.8900e-003	1.9000e-004	9.0800e-003		29.6471	29.6471	7.4000e-004		29.6655
Total	0.0150	9.3400e-003	0.0979	3.0000e-004	0.0335	2.0000e-004	0.0337	8.8900e-003	1.9000e-004	9.0800e-003		29.6471	29.6471	7.4000e-004		29.6655

Rancho Springs Medical Center Expansion - Riverside-South Coast County, Winter

3.2 Utilities - Storm Drains - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3148	2.8474	1.9772	2.5300e-003		0.2132	0.2132		0.1961	0.1961	0.0000	245.1091	245.1091	0.0793		247.0909
Total	0.3148	2.8474	1.9772	2.5300e-003		0.2132	0.2132		0.1961	0.1961	0.0000	245.1091	245.1091	0.0793		247.0909

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0150	9.3400e-003	0.0979	3.0000e-004	0.0335	2.0000e-004	0.0337	8.8900e-003	1.9000e-004	9.0800e-003		29.6471	29.6471	7.4000e-004		29.6655
Total	0.0150	9.3400e-003	0.0979	3.0000e-004	0.0335	2.0000e-004	0.0337	8.8900e-003	1.9000e-004	9.0800e-003		29.6471	29.6471	7.4000e-004		29.6655

Rancho Springs Medical Center Expansion - Riverside-South Coast County, Winter

3.2 Utilities - Storm Drains - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2869	2.6341	1.9547	2.5300e-003		0.1913	0.1913		0.1760	0.1760		245.1919	245.1919	0.0793		247.1744
Total	0.2869	2.6341	1.9547	2.5300e-003		0.1913	0.1913		0.1760	0.1760		245.1919	245.1919	0.0793		247.1744

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0140	8.3800e-003	0.0895	2.9000e-004	0.0335	2.0000e-004	0.0337	8.8900e-003	1.8000e-004	9.0800e-003		28.6558	28.6558	6.6000e-004		28.6724
Total	0.0140	8.3800e-003	0.0895	2.9000e-004	0.0335	2.0000e-004	0.0337	8.8900e-003	1.8000e-004	9.0800e-003		28.6558	28.6558	6.6000e-004		28.6724

Rancho Springs Medical Center Expansion - Riverside-South Coast County, Winter

3.2 Utilities - Storm Drains - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2869	2.6341	1.9547	2.5300e-003		0.1913	0.1913		0.1760	0.1760	0.0000	245.1919	245.1919	0.0793		247.1744
Total	0.2869	2.6341	1.9547	2.5300e-003		0.1913	0.1913		0.1760	0.1760	0.0000	245.1919	245.1919	0.0793		247.1744

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0140	8.3800e-003	0.0895	2.9000e-004	0.0335	2.0000e-004	0.0337	8.8900e-003	1.8000e-004	9.0800e-003		28.6558	28.6558	6.6000e-004		28.6724
Total	0.0140	8.3800e-003	0.0895	2.9000e-004	0.0335	2.0000e-004	0.0337	8.8900e-003	1.8000e-004	9.0800e-003		28.6558	28.6558	6.6000e-004		28.6724

Rancho Springs Medical Center Expansion - Riverside-South Coast County, Winter

3.2 Utilities - Storm Drains - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2729	2.5348	1.9492	2.5300e-003		0.1796	0.1796		0.1652	0.1652		245.2121	245.2121	0.0793		247.1947
Total	0.2729	2.5348	1.9492	2.5300e-003		0.1796	0.1796		0.1652	0.1652		245.2121	245.2121	0.0793		247.1947

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0131	7.5400e-003	0.0825	2.8000e-004	0.0335	1.9000e-004	0.0337	8.8900e-003	1.8000e-004	9.0700e-003		27.6102	27.6102	6.0000e-004		27.6251
Total	0.0131	7.5400e-003	0.0825	2.8000e-004	0.0335	1.9000e-004	0.0337	8.8900e-003	1.8000e-004	9.0700e-003		27.6102	27.6102	6.0000e-004		27.6251

Rancho Springs Medical Center Expansion - Riverside-South Coast County, Winter

3.2 Utilities - Storm Drains - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2729	2.5348	1.9492	2.5300e-003		0.1796	0.1796		0.1652	0.1652	0.0000	245.2121	245.2121	0.0793		247.1947
Total	0.2729	2.5348	1.9492	2.5300e-003		0.1796	0.1796		0.1652	0.1652	0.0000	245.2121	245.2121	0.0793		247.1947

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0131	7.5400e-003	0.0825	2.8000e-004	0.0335	1.9000e-004	0.0337	8.8900e-003	1.8000e-004	9.0700e-003		27.6102	27.6102	6.0000e-004		27.6251
Total	0.0131	7.5400e-003	0.0825	2.8000e-004	0.0335	1.9000e-004	0.0337	8.8900e-003	1.8000e-004	9.0700e-003		27.6102	27.6102	6.0000e-004		27.6251

Rancho Springs Medical Center Expansion - Riverside-South Coast County, Winter

3.3 NICU Renovation - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.4459	2.6585	3.1067	4.8900e-003		0.1497	0.1497		0.1497	0.1497		437.0563	437.0563	0.0396		438.0458
Total	0.4459	2.6585	3.1067	4.8900e-003		0.1497	0.1497		0.1497	0.1497		437.0563	437.0563	0.0396		438.0458

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0446	1.6514	0.3516	4.4900e-003	0.1153	3.2600e-003	0.1185	0.0332	3.1200e-003	0.0363		473.3518	473.3518	0.0392		474.3320
Worker	0.0233	0.0140	0.1492	4.8000e-004	0.0559	3.3000e-004	0.0562	0.0148	3.0000e-004	0.0151		47.7597	47.7597	1.1000e-003		47.7873
Total	0.0679	1.6653	0.5008	4.9700e-003	0.1712	3.5900e-003	0.1747	0.0480	3.4200e-003	0.0514		521.1115	521.1115	0.0403		522.1193

Rancho Springs Medical Center Expansion - Riverside-South Coast County, Winter

3.3 NICU Renovation - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.4459	2.6585	3.1067	4.8900e-003		0.1497	0.1497		0.1497	0.1497	0.0000	437.0563	437.0563	0.0396		438.0458
Total	0.4459	2.6585	3.1067	4.8900e-003		0.1497	0.1497		0.1497	0.1497	0.0000	437.0563	437.0563	0.0396		438.0458

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0446	1.6514	0.3516	4.4900e-003	0.1153	3.2600e-003	0.1185	0.0332	3.1200e-003	0.0363		473.3518	473.3518	0.0392		474.3320
Worker	0.0233	0.0140	0.1492	4.8000e-004	0.0559	3.3000e-004	0.0562	0.0148	3.0000e-004	0.0151		47.7597	47.7597	1.1000e-003		47.7873
Total	0.0679	1.6653	0.5008	4.9700e-003	0.1712	3.5900e-003	0.1747	0.0480	3.4200e-003	0.0514		521.1115	521.1115	0.0403		522.1193

Rancho Springs Medical Center Expansion - Riverside-South Coast County, Winter

3.3 NICU Renovation - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.4121	2.5057	3.0855	4.8900e-003		0.1296	0.1296		0.1296	0.1296		437.0563	437.0563	0.0369		437.9799
Total	0.4121	2.5057	3.0855	4.8900e-003		0.1296	0.1296		0.1296	0.1296		437.0563	437.0563	0.0369		437.9799

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0417	1.5558	0.3282	4.4500e-003	0.1153	2.7500e-003	0.1180	0.0332	2.6300e-003	0.0358		469.2189	469.2189	0.0372		470.1481
Worker	0.0218	0.0126	0.1374	4.6000e-004	0.0559	3.2000e-004	0.0562	0.0148	3.0000e-004	0.0151		46.0169	46.0169	9.9000e-004		46.0418
Total	0.0635	1.5684	0.4656	4.9100e-003	0.1712	3.0700e-003	0.1742	0.0480	2.9300e-003	0.0509		515.2358	515.2358	0.0382		516.1899

Rancho Springs Medical Center Expansion - Riverside-South Coast County, Winter

3.3 NICU Renovation - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.4121	2.5057	3.0855	4.8900e-003		0.1296	0.1296		0.1296	0.1296	0.0000	437.0563	437.0563	0.0369		437.9799
Total	0.4121	2.5057	3.0855	4.8900e-003		0.1296	0.1296		0.1296	0.1296	0.0000	437.0563	437.0563	0.0369		437.9799

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0417	1.5558	0.3282	4.4500e-003	0.1153	2.7500e-003	0.1180	0.0332	2.6300e-003	0.0358		469.2189	469.2189	0.0372		470.1481
Worker	0.0218	0.0126	0.1374	4.6000e-004	0.0559	3.2000e-004	0.0562	0.0148	3.0000e-004	0.0151		46.0169	46.0169	9.9000e-004		46.0418
Total	0.0635	1.5684	0.4656	4.9100e-003	0.1712	3.0700e-003	0.1742	0.0480	2.9300e-003	0.0509		515.2358	515.2358	0.0382		516.1899

Rancho Springs Medical Center Expansion - Riverside-South Coast County, Winter

3.4 Helipad Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.8872	8.4015	8.7352	0.0136		0.4563	0.4563		0.4233	0.4233		1,257.670 3	1,257.670 3	0.3735		1,267.007 2
Paving	0.0305					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9177	8.4015	8.7352	0.0136		0.4563	0.4563		0.4233	0.4233		1,257.670 3	1,257.670 3	0.3735		1,267.007 2

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0931	0.0559	0.5969	1.9200e-003	0.2236	1.3200e-003	0.2249	0.0593	1.2100e-003	0.0605		191.0387	191.0387	4.4100e-003		191.1491
Total	0.0931	0.0559	0.5969	1.9200e-003	0.2236	1.3200e-003	0.2249	0.0593	1.2100e-003	0.0605		191.0387	191.0387	4.4100e-003		191.1491

Rancho Springs Medical Center Expansion - Riverside-South Coast County, Winter

3.4 Helipad Construction - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.8872	8.4015	8.7352	0.0136		0.4563	0.4563		0.4233	0.4233	0.0000	1,257.670 3	1,257.670 3	0.3735		1,267.007 2
Paving	0.0305					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9177	8.4015	8.7352	0.0136		0.4563	0.4563		0.4233	0.4233	0.0000	1,257.670 3	1,257.670 3	0.3735		1,267.007 2

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0931	0.0559	0.5969	1.9200e-003	0.2236	1.3200e-003	0.2249	0.0593	1.2100e-003	0.0605		191.0387	191.0387	4.4100e-003		191.1491
Total	0.0931	0.0559	0.5969	1.9200e-003	0.2236	1.3200e-003	0.2249	0.0593	1.2100e-003	0.0605		191.0387	191.0387	4.4100e-003		191.1491

Rancho Springs Medical Center Expansion - Riverside-South Coast County, Winter

3.4 Helipad Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7924	7.4276	8.6626	0.0136		0.3831	0.3831		0.3559	0.3559		1,258.1654	1,258.1654	0.3736		1,267.5063
Paving	0.0305					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.8229	7.4276	8.6626	0.0136		0.3831	0.3831		0.3559	0.3559		1,258.1654	1,258.1654	0.3736		1,267.5063

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0873	0.0503	0.5497	1.8500e-003	0.2236	1.2800e-003	0.2248	0.0593	1.1800e-003	0.0605		184.0678	184.0678	3.9700e-003		184.1670
Total	0.0873	0.0503	0.5497	1.8500e-003	0.2236	1.2800e-003	0.2248	0.0593	1.1800e-003	0.0605		184.0678	184.0678	3.9700e-003		184.1670

Rancho Springs Medical Center Expansion - Riverside-South Coast County, Winter

3.4 Helipad Construction - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7924	7.4276	8.6626	0.0136		0.3831	0.3831		0.3559	0.3559	0.0000	1,258.1654	1,258.1654	0.3736		1,267.5063
Paving	0.0305					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.8229	7.4276	8.6626	0.0136		0.3831	0.3831		0.3559	0.3559	0.0000	1,258.1654	1,258.1654	0.3736		1,267.5063

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0873	0.0503	0.5497	1.8500e-003	0.2236	1.2800e-003	0.2248	0.0593	1.1800e-003	0.0605		184.0678	184.0678	3.9700e-003		184.1670
Total	0.0873	0.0503	0.5497	1.8500e-003	0.2236	1.2800e-003	0.2248	0.0593	1.1800e-003	0.0605		184.0678	184.0678	3.9700e-003		184.1670

Rancho Springs Medical Center Expansion - Riverside-South Coast County, Winter

3.5 Kitchen Service Renovation - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5216	3.0357	3.5364	5.5300e-003		0.1682	0.1682		0.1682	0.1682		488.9258	488.9258	0.0463		490.0841
Total	0.5216	3.0357	3.5364	5.5300e-003		0.1682	0.1682		0.1682	0.1682		488.9258	488.9258	0.0463		490.0841

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0446	1.6514	0.3516	4.4900e-003	0.1153	3.2600e-003	0.1185	0.0332	3.1200e-003	0.0363		473.3518	473.3518	0.0392		474.3320
Worker	0.0233	0.0140	0.1492	4.8000e-004	0.0559	3.3000e-004	0.0562	0.0148	3.0000e-004	0.0151		47.7597	47.7597	1.1000e-003		47.7873
Total	0.0679	1.6653	0.5008	4.9700e-003	0.1712	3.5900e-003	0.1747	0.0480	3.4200e-003	0.0514		521.1115	521.1115	0.0403		522.1193

Rancho Springs Medical Center Expansion - Riverside-South Coast County, Winter

3.5 Kitchen Service Renovation - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5216	3.0357	3.5364	5.5300e-003		0.1682	0.1682		0.1682	0.1682	0.0000	488.9258	488.9258	0.0463		490.0841
Total	0.5216	3.0357	3.5364	5.5300e-003		0.1682	0.1682		0.1682	0.1682	0.0000	488.9258	488.9258	0.0463		490.0841

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0446	1.6514	0.3516	4.4900e-003	0.1153	3.2600e-003	0.1185	0.0332	3.1200e-003	0.0363		473.3518	473.3518	0.0392		474.3320
Worker	0.0233	0.0140	0.1492	4.8000e-004	0.0559	3.3000e-004	0.0562	0.0148	3.0000e-004	0.0151		47.7597	47.7597	1.1000e-003		47.7873
Total	0.0679	1.6653	0.5008	4.9700e-003	0.1712	3.5900e-003	0.1747	0.0480	3.4200e-003	0.0514		521.1115	521.1115	0.0403		522.1193

Rancho Springs Medical Center Expansion - Riverside-South Coast County, Winter

3.5 Kitchen Service Renovation - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.4813	2.8714	3.5094	5.5300e-003		0.1456	0.1456		0.1456	0.1456		488.9258	488.9258	0.0432		490.0045
Total	0.4813	2.8714	3.5094	5.5300e-003		0.1456	0.1456		0.1456	0.1456		488.9258	488.9258	0.0432		490.0045

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0417	1.5558	0.3282	4.4500e-003	0.1153	2.7500e-003	0.1180	0.0332	2.6300e-003	0.0358		469.2189	469.2189	0.0372		470.1481
Worker	0.0218	0.0126	0.1374	4.6000e-004	0.0559	3.2000e-004	0.0562	0.0148	3.0000e-004	0.0151		46.0169	46.0169	9.9000e-004		46.0418
Total	0.0635	1.5684	0.4656	4.9100e-003	0.1712	3.0700e-003	0.1742	0.0480	2.9300e-003	0.0509		515.2358	515.2358	0.0382		516.1899

Rancho Springs Medical Center Expansion - Riverside-South Coast County, Winter

3.5 Kitchen Service Renovation - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.4813	2.8714	3.5094	5.5300e-003		0.1456	0.1456		0.1456	0.1456	0.0000	488.9258	488.9258	0.0432		490.0045
Total	0.4813	2.8714	3.5094	5.5300e-003		0.1456	0.1456		0.1456	0.1456	0.0000	488.9258	488.9258	0.0432		490.0045

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0417	1.5558	0.3282	4.4500e-003	0.1153	2.7500e-003	0.1180	0.0332	2.6300e-003	0.0358		469.2189	469.2189	0.0372		470.1481
Worker	0.0218	0.0126	0.1374	4.6000e-004	0.0559	3.2000e-004	0.0562	0.0148	3.0000e-004	0.0151		46.0169	46.0169	9.9000e-004		46.0418
Total	0.0635	1.5684	0.4656	4.9100e-003	0.1712	3.0700e-003	0.1742	0.0480	2.9300e-003	0.0509		515.2358	515.2358	0.0382		516.1899

Rancho Springs Medical Center Expansion - Riverside-South Coast County, Winter

3.6 Grading - Expansion - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.8563	0.0000	6.8563	3.4026	0.0000	3.4026			0.0000			0.0000
Off-Road	1.5403	16.9836	9.2202	0.0206		0.7423	0.7423		0.6829	0.6829		1,995.4825	1,995.4825	0.6454		2,011.6169
Total	1.5403	16.9836	9.2202	0.0206	6.8563	0.7423	7.5986	3.4026	0.6829	4.0855		1,995.4825	1,995.4825	0.6454		2,011.6169

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.2535	10.4691	1.6987	0.0382	0.9207	0.0293	0.9500	0.2524	0.0281	0.2804		4,054.0934	4,054.0934	0.2565		4,060.5050
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0437	0.0251	0.2748	9.2000e-004	0.1118	6.4000e-004	0.1124	0.0296	5.9000e-004	0.0302		92.0339	92.0339	1.9800e-003		92.0835
Total	0.2971	10.4943	1.9736	0.0391	1.0324	0.0300	1.0624	0.2820	0.0286	0.3107		4,146.1273	4,146.1273	0.2584		4,152.5885

Rancho Springs Medical Center Expansion - Riverside-South Coast County, Winter

3.6 Grading - Expansion - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.8563	0.0000	6.8563	3.4026	0.0000	3.4026			0.0000			0.0000
Off-Road	1.5403	16.9836	9.2202	0.0206		0.7423	0.7423		0.6829	0.6829	0.0000	1,995.4825	1,995.4825	0.6454		2,011.6169
Total	1.5403	16.9836	9.2202	0.0206	6.8563	0.7423	7.5986	3.4026	0.6829	4.0855	0.0000	1,995.4825	1,995.4825	0.6454		2,011.6169

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.2535	10.4691	1.6987	0.0382	0.9207	0.0293	0.9500	0.2524	0.0281	0.2804		4,054.0934	4,054.0934	0.2565		4,060.5050
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0437	0.0251	0.2748	9.2000e-004	0.1118	6.4000e-004	0.1124	0.0296	5.9000e-004	0.0302		92.0339	92.0339	1.9800e-003		92.0835
Total	0.2971	10.4943	1.9736	0.0391	1.0324	0.0300	1.0624	0.2820	0.0286	0.3107		4,146.1273	4,146.1273	0.2584		4,152.5885

Rancho Springs Medical Center Expansion - Riverside-South Coast County, Winter

3.7 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8555	14.6040	14.3533	0.0250		0.7022	0.7022		0.6731	0.6731		2,289.2813	2,289.2813	0.4417		2,300.3230
Total	1.8555	14.6040	14.3533	0.0250		0.7022	0.7022		0.6731	0.6731		2,289.2813	2,289.2813	0.4417		2,300.3230

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0417	1.5558	0.3282	4.4500e-003	0.1153	2.7500e-003	0.1180	0.0332	2.6300e-003	0.0358		469.2189	469.2189	0.0372		470.1481
Worker	0.0873	0.0503	0.5497	1.8500e-003	0.2236	1.2800e-003	0.2248	0.0593	1.1800e-003	0.0605		184.0678	184.0678	3.9700e-003		184.1670
Total	0.1290	1.6061	0.8779	6.3000e-003	0.3388	4.0300e-003	0.3429	0.0925	3.8100e-003	0.0963		653.2866	653.2866	0.0411		654.3151

Rancho Springs Medical Center Expansion - Riverside-South Coast County, Winter

3.7 Building Construction - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8555	14.6040	14.3533	0.0250		0.7022	0.7022		0.6731	0.6731	0.0000	2,289.2813	2,289.2813	0.4417		2,300.3230
Total	1.8555	14.6040	14.3533	0.0250		0.7022	0.7022		0.6731	0.6731	0.0000	2,289.2813	2,289.2813	0.4417		2,300.3230

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0417	1.5558	0.3282	4.4500e-003	0.1153	2.7500e-003	0.1180	0.0332	2.6300e-003	0.0358		469.2189	469.2189	0.0372		470.1481
Worker	0.0873	0.0503	0.5497	1.8500e-003	0.2236	1.2800e-003	0.2248	0.0593	1.1800e-003	0.0605		184.0678	184.0678	3.9700e-003		184.1670
Total	0.1290	1.6061	0.8779	6.3000e-003	0.3388	4.0300e-003	0.3429	0.0925	3.8100e-003	0.0963		653.2866	653.2866	0.0411		654.3151

Rancho Springs Medical Center Expansion - Riverside-South Coast County, Winter

3.8 Canopy - New - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8555	14.6040	14.3533	0.0250		0.7022	0.7022		0.6731	0.6731		2,289.2813	2,289.2813	0.4417		2,300.3230
Total	1.8555	14.6040	14.3533	0.0250		0.7022	0.7022		0.6731	0.6731		2,289.2813	2,289.2813	0.4417		2,300.3230

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0417	1.5558	0.3282	4.4500e-003	0.1153	2.7500e-003	0.1180	0.0332	2.6300e-003	0.0358		469.2189	469.2189	0.0372		470.1481
Worker	0.0873	0.0503	0.5497	1.8500e-003	0.2236	1.2800e-003	0.2248	0.0593	1.1800e-003	0.0605		184.0678	184.0678	3.9700e-003		184.1670
Total	0.1290	1.6061	0.8779	6.3000e-003	0.3388	4.0300e-003	0.3429	0.0925	3.8100e-003	0.0963		653.2866	653.2866	0.0411		654.3151

Rancho Springs Medical Center Expansion - Riverside-South Coast County, Winter

3.8 Canopy - New - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8555	14.6040	14.3533	0.0250		0.7022	0.7022		0.6731	0.6731	0.0000	2,289.2813	2,289.2813	0.4417		2,300.3230
Total	1.8555	14.6040	14.3533	0.0250		0.7022	0.7022		0.6731	0.6731	0.0000	2,289.2813	2,289.2813	0.4417		2,300.3230

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0417	1.5558	0.3282	4.4500e-003	0.1153	2.7500e-003	0.1180	0.0332	2.6300e-003	0.0358		469.2189	469.2189	0.0372		470.1481
Worker	0.0873	0.0503	0.5497	1.8500e-003	0.2236	1.2800e-003	0.2248	0.0593	1.1800e-003	0.0605		184.0678	184.0678	3.9700e-003		184.1670
Total	0.1290	1.6061	0.8779	6.3000e-003	0.3388	4.0300e-003	0.3429	0.0925	3.8100e-003	0.0963		653.2866	653.2866	0.0411		654.3151

Rancho Springs Medical Center Expansion - Riverside-South Coast County, Winter

3.9 Paving - Parking - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6877	6.7738	8.8060	0.0135		0.3474	0.3474		0.3205	0.3205		1,297.3789	1,297.3789	0.4113		1,307.6608
Paving	0.0268					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.7145	6.7738	8.8060	0.0135		0.3474	0.3474		0.3205	0.3205		1,297.3789	1,297.3789	0.4113		1,307.6608

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0567	0.0327	0.3573	1.2000e-003	0.1453	8.3000e-004	0.1461	0.0385	7.7000e-004	0.0393		119.6441	119.6441	2.5800e-003		119.7086
Total	0.0567	0.0327	0.3573	1.2000e-003	0.1453	8.3000e-004	0.1461	0.0385	7.7000e-004	0.0393		119.6441	119.6441	2.5800e-003		119.7086

Rancho Springs Medical Center Expansion - Riverside-South Coast County, Winter

3.9 Paving - Parking - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6877	6.7738	8.8060	0.0135		0.3474	0.3474		0.3205	0.3205	0.0000	1,297.3789	1,297.3789	0.4113		1,307.6608
Paving	0.0268					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.7145	6.7738	8.8060	0.0135		0.3474	0.3474		0.3205	0.3205	0.0000	1,297.3789	1,297.3789	0.4113		1,307.6608

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0567	0.0327	0.3573	1.2000e-003	0.1453	8.3000e-004	0.1461	0.0385	7.7000e-004	0.0393		119.6441	119.6441	2.5800e-003		119.7086
Total	0.0567	0.0327	0.3573	1.2000e-003	0.1453	8.3000e-004	0.1461	0.0385	7.7000e-004	0.0393		119.6441	119.6441	2.5800e-003		119.7086

Rancho Springs Medical Center Expansion - Riverside-South Coast County, Winter

3.9 Paving - Parking - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6446	6.2357	8.8024	0.0136		0.3084	0.3084		0.2846	0.2846		1,297.6880	1,297.6880	0.4114		1,307.9725
Paving	0.0268					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.6714	6.2357	8.8024	0.0136		0.3084	0.3084		0.2846	0.2846		1,297.6880	1,297.6880	0.4114		1,307.9725

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0534	0.0294	0.3293	1.1500e-003	0.1453	8.1000e-004	0.1461	0.0385	7.5000e-004	0.0393		115.1036	115.1036	2.3200e-003		115.1616
Total	0.0534	0.0294	0.3293	1.1500e-003	0.1453	8.1000e-004	0.1461	0.0385	7.5000e-004	0.0393		115.1036	115.1036	2.3200e-003		115.1616

Rancho Springs Medical Center Expansion - Riverside-South Coast County, Winter

3.9 Paving - Parking - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6446	6.2357	8.8024	0.0136		0.3084	0.3084		0.2846	0.2846	0.0000	1,297.6880	1,297.6880	0.4114		1,307.9725
Paving	0.0268					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.6714	6.2357	8.8024	0.0136		0.3084	0.3084		0.2846	0.2846	0.0000	1,297.6880	1,297.6880	0.4114		1,307.9725

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0534	0.0294	0.3293	1.1500e-003	0.1453	8.1000e-004	0.1461	0.0385	7.5000e-004	0.0393		115.1036	115.1036	2.3200e-003		115.1616
Total	0.0534	0.0294	0.3293	1.1500e-003	0.1453	8.1000e-004	0.1461	0.0385	7.5000e-004	0.0393		115.1036	115.1036	2.3200e-003		115.1616

Rancho Springs Medical Center Expansion - Riverside-South Coast County, Winter

3.10 Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	7.2180					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817		281.4481	281.4481	0.0183		281.9062
Total	7.4226	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817		281.4481	281.4481	0.0183		281.9062

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0349	0.0201	0.2199	7.4000e-004	0.0894	5.1000e-004	0.0899	0.0237	4.7000e-004	0.0242		73.6271	73.6271	1.5900e-003		73.6668
Total	0.0349	0.0201	0.2199	7.4000e-004	0.0894	5.1000e-004	0.0899	0.0237	4.7000e-004	0.0242		73.6271	73.6271	1.5900e-003		73.6668

Rancho Springs Medical Center Expansion - Riverside-South Coast County, Winter

3.10 Architectural Coating - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	7.2180					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817	0.0000	281.4481	281.4481	0.0183		281.9062
Total	7.4226	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817	0.0000	281.4481	281.4481	0.0183		281.9062

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0349	0.0201	0.2199	7.4000e-004	0.0894	5.1000e-004	0.0899	0.0237	4.7000e-004	0.0242		73.6271	73.6271	1.5900e-003		73.6668
Total	0.0349	0.0201	0.2199	7.4000e-004	0.0894	5.1000e-004	0.0899	0.0237	4.7000e-004	0.0242		73.6271	73.6271	1.5900e-003		73.6668

Rancho Springs Medical Center Expansion - Riverside-South Coast County, Winter

3.10 Architectural Coating - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	7.2180					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708		281.4481	281.4481	0.0168		281.8690
Total	7.4097	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708		281.4481	281.4481	0.0168		281.8690

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0328	0.0181	0.2026	7.1000e-004	0.0894	5.0000e-004	0.0899	0.0237	4.6000e-004	0.0242		70.8330	70.8330	1.4300e-003		70.8686
Total	0.0328	0.0181	0.2026	7.1000e-004	0.0894	5.0000e-004	0.0899	0.0237	4.6000e-004	0.0242		70.8330	70.8330	1.4300e-003		70.8686

Rancho Springs Medical Center Expansion - Riverside-South Coast County, Winter

3.10 Architectural Coating - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	7.2180					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708	0.0000	281.4481	281.4481	0.0168		281.8690
Total	7.4097	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708	0.0000	281.4481	281.4481	0.0168		281.8690

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0328	0.0181	0.2026	7.1000e-004	0.0894	5.0000e-004	0.0899	0.0237	4.6000e-004	0.0242		70.8330	70.8330	1.4300e-003		70.8686
Total	0.0328	0.0181	0.2026	7.1000e-004	0.0894	5.0000e-004	0.0899	0.0237	4.6000e-004	0.0242		70.8330	70.8330	1.4300e-003		70.8686

4.0 Operational Detail - Mobile

Rancho Springs Medical Center Expansion - Riverside-South Coast County, Winter

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.4782	3.3838	4.8848	0.0226	1.7739	0.0132	1.7871	0.4746	0.0123	0.4869		2,311.8199	2,311.8199	0.1246		2,314.9343
Unmitigated	0.4782	3.3838	4.8848	0.0226	1.7739	0.0132	1.7871	0.4746	0.0123	0.4869		2,311.8199	2,311.8199	0.1246		2,314.9343

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Hospital	385.92	297.00	260.28	765,817	765,817
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Total	385.92	297.00	260.28	765,817	765,817

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Hospital	7.47	7.47	7.47	64.90	16.10	19.00	73	25	2
Other Non-Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0

Rancho Springs Medical Center Expansion - Riverside-South Coast County, Winter

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Hospital	0.548600	0.036250	0.186898	0.112544	0.014284	0.004806	0.017604	0.070134	0.001409	0.001147	0.004508	0.000918	0.000898
Other Non-Asphalt Surfaces	0.548600	0.036250	0.186898	0.112544	0.014284	0.004806	0.017604	0.070134	0.001409	0.001147	0.004508	0.000918	0.000898
Parking Lot	0.548600	0.036250	0.186898	0.112544	0.014284	0.004806	0.017604	0.070134	0.001409	0.001147	0.004508	0.000918	0.000898

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0803	0.7303	0.6134	4.3800e-003		0.0555	0.0555		0.0555	0.0555		876.2998	876.2998	0.0168	0.0161	881.5072
NaturalGas Unmitigated	0.0803	0.7303	0.6134	4.3800e-003		0.0555	0.0555		0.0555	0.0555		876.2998	876.2998	0.0168	0.0161	881.5072

Rancho Springs Medical Center Expansion - Riverside-South Coast County, Winter

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Hospital	7448.55	0.0803	0.7303	0.6134	4.3800e-003		0.0555	0.0555		0.0555	0.0555		876.2998	876.2998	0.0168	0.0161	881.5072
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0803	0.7303	0.6134	4.3800e-003		0.0555	0.0555		0.0555	0.0555		876.2998	876.2998	0.0168	0.0161	881.5072

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Hospital	7.44855	0.0803	0.7303	0.6134	4.3800e-003		0.0555	0.0555		0.0555	0.0555		876.2998	876.2998	0.0168	0.0161	881.5072
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0803	0.7303	0.6134	4.3800e-003		0.0555	0.0555		0.0555	0.0555		876.2998	876.2998	0.0168	0.0161	881.5072

6.0 Area Detail

Rancho Springs Medical Center Expansion - Riverside-South Coast County, Winter

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.8367	1.5000e-004	0.0165	0.0000		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005		0.0353	0.0353	9.0000e-005		0.0377
Unmitigated	0.8367	1.5000e-004	0.0165	0.0000		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005		0.0353	0.0353	9.0000e-005		0.0377

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0969					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.7382					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.5300e-003	1.5000e-004	0.0165	0.0000		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005		0.0353	0.0353	9.0000e-005		0.0377
Total	0.8367	1.5000e-004	0.0165	0.0000		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005		0.0353	0.0353	9.0000e-005		0.0377

Rancho Springs Medical Center Expansion - Riverside-South Coast County, Winter

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0969					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.7382					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.5300e-003	1.5000e-004	0.0165	0.0000		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005		0.0353	0.0353	9.0000e-005		0.0377
Total	0.8367	1.5000e-004	0.0165	0.0000		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005		0.0353	0.0353	9.0000e-005		0.0377

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Rancho Springs Medical Center Expansion - Riverside-South Coast County, Winter

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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User Defined Equipment

Equipment Type	Number
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11.0 Vegetation
